



## **Diamond Turning Technician**

AMF Optical Solutions, LLC. – Woburn, MA

We are seeking a qualified individual for the setup and operation of diamond turning machines to produce Optical Components including; Aspheres, Spheres and Diffractives.

### **Responsibilities:**

- Responsible for the setup, programming and safe operation of single point diamond turning machines following established setup, process and quality work instruction
- Design tooling and fixtures for SPT optical components
- Work closely with the other departments to improve productivity
- Consults with polishing and inspection personnel to determine methods of manufacturing, fixturing needs and inspection criteria
- Performs routine preventative maintenance on the production equipment
- Performs inspection of optical components for compliance customer specifications and requirements

### **Requirements:**

- Must be familiar with cutting materials such as Silicon, Germanium, Zinc Selenide, Zinc Sulfide, Aluminum, Brass, Calcium Fluoride, IRG26 and IRG27, etc.
- Experience in Diffsys programming and/or similar conversational software
- Knowledge of Metrology including the use and understanding of standard measuring equipment in addition to a profilometer and interferometer
- Ability to troubleshoot programs and adjust machine to correct surfaces
- Document processes and work instructions for diamond turning operation
- Able to read, understand and follow written instructions and procedures
- Must have excellent decision-making abilities and strong attention to detail
- Good written and verbal communication skills

### **Experience/Certifications/Degrees Required:**

- High School diploma and minimum 3 years' experience working with optics
- 2-5 years relevant experience working in Diamond Turning

### **Additional considerations and requirements:**

- Standing for long periods of time
- Handling of delicate optics
- Good math skills
- Working with chemicals and solvents
- Following all safety and health regulations

**AMF Optical Solutions** offers competitive compensation commensurate with experience. Qualified applicants should email, fax, or send resumes to: **AMF Optical Solutions, LLC.** 30 Nashua Street, Woburn, MA 01801. Fax: (781) 933-6420 or email [mmaraglia@amfoptics.com](mailto:mmaraglia@amfoptics.com). No phone calls please.

AMF Optical Solutions, LLC. is an Equal Opportunity Employer. Applicants are selected based on demonstrated ability, experience, training and potential. It is the company's policy to select qualified persons without prejudice or discrimination and to comply with all federal, state and local laws and regulations in relation to hiring.