

## Unique Careers in Optical Manufacturing

### **Excellent Opportunity for a Unique Career in Optical Manufacturing**

At Inrad Optics we improve the world's safety, security, and scientific understanding by transforming challenging requirements into optical realities. In pursuit of this mission, Inrad Optics has built an exceptional reputation for growing and fabricating exceptional crystalline materials and using advanced manufacturing competencies to produce tight tolerance optical components and assemblies. Inrad Optics is proud to service a global customer base of technology firms, research universities, and governments from our Northvale, New Jersey facility.

Inrad Optics has openings for experienced opticians, optical technicians and optical machinists. Our operations include fabricate, grind and/or polish precision optics using a variety of equipment. These roles will be part of the Optical Manufacturing team which is responsible for producing precision optics and optical assemblies. In addition, this position will expose you to various optical manufacturing assignments supporting support both new and existing programs.

#### **Essential Duties and Responsibilities Include:**

- Read, understand and follow optical blueprints and ensure conformity to blueprint specifications and the work order traveler.
- Hand grind and spindle grind optical glass, quartz and infrared optical material and ensure conformity to work order traveler and blueprint specifications.
- Set up and operate optical spindle machines to polish various optical components, including windows, prisms, and lenses. Typical materials consist of optical glass, quartz, zinc selenide, silicon and germanium.
- Knowledge of measuring optical dimensions and angles using various inspection equipment, including autocollimator, micrometer, dial and or digital indicator, caliper and Zygo interferometer.
- Maintain and clean all machinery and follow preventive maintenance schedules.
- Responsible for maintaining a clean, safe and organized work area on a daily basis.

#### **Competencies:**

- Technical knowledge - demonstrates a designated level of technical skill or knowledge in a specific technical area(s) and ability to keep up with current developments and trends in areas of expertise.
- Attention to detail – ability to accomplish tasks and processes accurately and completely.
- Coordination - ability to follow instructions through a standard work process, to perform routine tasks and to check work for accuracy before completion of tasks.
- Problem solving - ability to identify problems, determine possible solutions, and actively work to resolve the issues.
- Able to lift 25 pounds.

#### **Education and Experience**

- High school degree or equivalent
- Experience in optical spindle polishing at a high precision optical shop preferred

#### **Must be a U.S. Citizen or Permanent Resident**

In addition to a competitive salary, a comprehensive benefits package, generous paid time off, and Company matched 401K contributions, Inrad offers the unique opportunity to share and build upon your knowledge and talents!

Please send your cover letter and resume to [careers@inradoptics.com](mailto:careers@inradoptics.com).