



Principal Optician

Duties

Development and assist in develop of processing optical crystals and components. Implement process improvements and train team members.

Requirements

- Requirements include 15 to 20 years of hands on experience in the manufacturing of plano and spherical optics.
- Fabrication knowledge should include lens generating, lens centering, coring, slicing, grinding and dicing of various glass and optical components.
- Polishing experiences should include blocking, grinding, and polishing of various shapes of optical glasses such as prisms, wedges, flats and spherical optics.
- Double sided lapping and polishing along with single sided methods are necessary.
- Multiple techniques of polishing desired, such as pitch and pad polishing plus experiences with different types of slurries and polishing compounds.
- CNC manufacturing of optical components is a plus.
- Must be able to use optical test equipment for measuring flatness, surface roughness, and parallelism.
- Must be able to read and review blueprints and make parts to tight tolerances.
- Additional requirements are to provide training to junior members of the fabrication and polishing staff.
- Experience of crystal manufacturing, including both the fabrication and polishing of many different types of crystals.

Location(s)

257 Cedar Hill Road, Marlborough, Massachusetts 01752

Employment Type

Exempt

This position must meet Export Control compliance requirements, therefore a “US Person” as defined by 22C.F.R. §120.15 are required. “US Person” includes US Citizen, lawful permanent resident, refugee, asylee. License exception Technology and software under restriction (TSR) defined in 15 CFR 740.6 may permit person from Country Group B.

<https://www.bis.doc.gov/index.php/documents/regulation-docs/452-supplement-no-1-to-part-740-country-groups/file>

Equal Opportunity Employer / Affirmative Action M/F D/V

IPG Photonics Corporation is an Equal Opportunity Employer of Minorities/Women/Individuals with Disabilities/Protected Veterans. All employment decisions and personnel actions at IPG Photonics are administered without regard to race, color, religion, creed, national origin, ancestry, sex, age, qualified mental or physical disability, gender identity, sexual orientation, genetic carrier status, any veteran status, any military service, any application for any military service, or any other category or class protected by applicable federal, state or local laws. IPG Photonics Corporation provides reasonable accommodation for individuals protected by Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Assistance Act of 1974 and Title I of the Americans with Disabilities Act of 1990. Applicants who need accommodation in the job application process should contact (508) 506-2527 or email HR.Accommodations@ipgphotonics.com to request assistance. Please note that only those inquiries concerning a request for reasonable accommodation will be responded to.