



Rochester Precision Optics

Job Description

Title	Optical Assembler II
Department	Assembly
Reports to	Assembly Manager & Lead Engineer of Optical Assembly

Job Summary:

Clean & inspect optical components and mounts and assemble optical doublets, triplets, sub-assemblies and final assemblies and test to final requirements. This job requires excellent visual acuity and manual dexterity. The ability to follow work instructions and the ability to make decisions at various stages of assembly are keys to success for this position.

Summary of Essential Job Duties:

1. Clean & inspect optical components and mounts.
 - a. Use of MIL spec to inspect optical components with clear apertures.
 - b. Ability to read engineering drawings to determine specs.
2. Assemble and Bond optical doublets and triplets according to procedures
 - a. Use of optical-grade adhesives.
 - b. Use of various assembly tools and techniques for passive alignment of optics.
 - c. Post-alignment/assembly cleaning and inspection.
3. Assemble and Bond lens elements within mounts and barrels according to procedures.
 - a. Techniques for mounting and bonding lens elements within barrels – passive alignment.
4. Test of sub-assemblies and final assemblies.
 - a. Tools and Techniques for verifying alignment of doublets and triplets.
 - b. Tools and Techniques for diagnostics of sub-assemblies and final assemblies for failure mode.
5. Maintain Assembly & Test Equipment, Tools and Area in accordance with Good Manufacturing Practices, ISO and HSE protocols.
6. Step complete and charge time to work orders and maintain job specific paperwork throughout the process.
7. Follow and enforce clean room protocols.

Minimum Requirements:

- Good manual dexterity and visual acuity.
- The ability to contribute as an individual and as a team member.
- Ability to follow procedures
- Basic Computer skills
- Basic math skills

Experience/Certifications/Degrees Required:

- High School diploma & 2 to 4 years experience working with optics or a related field.



Rochester Precision Optics

Abilities Required:

- Good manual dexterity
- Proficient math skills
- Ability to follow directions
- Good communication skills
- Blueprint Reading
- Analytical troubleshooting / problem solving
- Computer skills
- Decision making
- Apprentice program or equivalent experience
- Leadership skills
- Good time management skills
- 20/20 vision or corrected vision
- .
- .
- .

Additional information:

- The job may involve prolong periods of sitting/standing.
- May involve the use of oils and solvents.
- Highly repetitive work, usually in a fixed body position for a sustained period of time.
- Subject to some soilage and irritation from cleaning solutions. (Lab Coats provided.)
- May be exposed to conditions prevalent in a manufacturing environment such as heat and humidity.
- Generally works in a clean environment and works to maintain the environment as such.
- Requires initiative and mental concentration to learn new skills and techniques.
- Safety Glasses are required in some areas
- Exercises independent judgment when inspecting parts acceptability for further operations
- May require advance mathematical skills
- Follows procedures for all jobs
- May require area specific safety training
- May involve prolonged periods of magnified inspection (eye strain)
- .
- .
- .
- .



Rochester Precision Optics

Disclaimer:

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.