



Rochester Precision Optics

Job Description

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

Job Summary:

Provide support to RPO in the area of Optical Testing. Testing includes, but is not limited to; System level testing of assemblies for image quality (MTF, Stray Light, Relative Illumination, Transmission, Distortion, Optical Eccentricity, etc), as well as component testing for reflectance, interferometric surface profiling, coating spectrum evaluation, etc. Operating equipment and performing tests following procedures.

Summary of Essential Job Duties:

1. Support calibration activities in all functional areas of RPO.
2. Provide Assembly test support for production as well as first article testing.
3. Maintain records for all testing and calibration in accordance with Good manufacturing Practices and ISO requirements.
4. Provide rapid turn-around support as requested for OEM test work.
5. Assist in writing or writing procedures for test methods.

Minimum Requirements:

- Basic knowledge of optical elements.
- Knowledge of Good Manufacturing Practices, ISO, Bills of Material, opto-mechanical principles, handling, cleaning and inspection of optical components.
- A self-starter, capable of working with very little direction.
- 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:

- Good working knowledge and understanding of optics and optical test set ups.
- Knowledge and experience using interferometers, reflectometers, various gauges, and instruments.
- Associates degree or HS Diploma & 4 to 8 years total experience working with optics and/or optical systems or equivalent combination of education and experience.

Abilities Required:

- Good manual dexterity
- Proficient math skills
- Ability to follow directions
- Good communication skills
- Blueprint Reading



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- Analytical troubleshooting / problem solving
- Computer skills
- Decision making
- Apprenticeship program or equivalent experience
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- Good time management skills
- 20/20 vision or corrected vision

Additional information:

- The job may involve prolonged 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.)
- 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
- 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)

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.