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3.1.2 Optician I

Job Title: **Optician I**
Department: Manufacturing
Reports To: Optician Team Leader
Pay Range: Based on experience
Status: Non-Exempt
Location: Factory Floor

Description - Performs all optical fabrication processes in the manufacture of precision lenses and other optical elements following best practices or standard work instructions. Sets up and operates tools and machines such as generators, grinders, polishers and edgers, applying knowledge of layout and tooling techniques and procedures, shop mathematics, and properties of optical and abrasive materials. Reads & comprehends lens specifications from blue prints, drawings work orders and routine instructions. Selects premixed compounds or mixes grinding, polishing, and holding compounds according to formula. Mounts work piece on holding fixtures, using adhesive, friction, or vacuum. Mounts and secures work pieces and tooling in machines. Grinds and polishes lenses to specifications. Measures and tests in-process optics for conformance to specifications, using precision measuring and testing instruments. May suggest new production methods and procedures applying shop mathematics and knowledge of production techniques.

Advancement through the Optician ranks is attained via increasing levels of education, experience, industrial skills, math skills, computing skills, responsibility and leadership potential and effectiveness.

Duties -

- Maintain scheduled cell activities and work hours set by cell leader.
- Leave accurate written status to the following: shift cell leader, cell members, and supervisors.
- Set up and operate some of the following equipment: CNC and non-CNC generating equipment, grinding equipment, polishing equipment, centering equipment and inspection equipment to fabricate precision lenses.
- Inspect and clean all optics to ensure they meet the job print specifications.
- Move all parts to the next phase of operations to meet schedule expectations.
- Clean and maintain machinery and cell.
- Perform preventative maintenance
- Read and interpret blueprints, specification sheets and schematics.
- Suggest improvements to revise standard work instructions.
- Suggest changes to improve process, product, or morale within the company.
- Perform any other function required by the managing staff.

Requirements – A High School diploma. A BA/BS degree in science or mathematics is desirable, as is vocational training in manufacturing, machining or equivalent. Hand / eye coordination or manual dexterity similar to those skills utilized in artistic, creative or musical activities plus the ability to multi-task, are desirable. One or more years working in an optical fabrication facility or equivalent. Excellent computer skills, including familiarity and use of Microsoft Office applications. Ability to collect and interpret data. A highly developed set of interpersonal and leadership skills. The ability to assess complex issues and develop and implement appropriate solutions.