

Process Equipment Engineer

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Company: Lightwave Logic, Inc.

Location: United States

Category: other-general

Lightwave Logic, Inc. (NASDAQ: LWLG) is a fast growing publicly traded (NASDAQ: LWLG) technology company located near the Denver Tech Center in Englewood, Colorado. The company develops next-generation photonic EO devices using its proprietary engineered electro-optic (EO) polymers that transmit data at higher speeds with less power. With high-activity and high-stability organic polymers, Lightwave Logic creates photonic devices that convert data from electrical signals into optical signals. Our team is composed of world-class scientists, engineers, and technologists, and we offer a fast paced, collaborative work environment and highly competitive employment packages. Lightwave Logic is looking for a highly motivated and skilled Process Equipment Engineer to join our team. **What You'll Do** Play a crucial role in tracking, qualifying, optimizing, and maintaining the cleanroom tools and processes, creating scheduled process qualification runs, SPC, SOP and preventive maintenance. Identify areas where improvements should be made. Work in a dynamic work environment with opportunities for career growth and innovation. Work with and learn from a team of experienced engineers with a wide range of backgrounds. Have a terrific opportunity to gain exposure to a broad range of engineering disciplines, as well as Physics, Chemistry and Materials Science. Develop hands-on skills in Thin Film Technology with a focus on ALD, Photonic Device Microfabrication, and Equipment Engineering. Participate in the development of advanced thin film technologies for ultra-high speed optical modulators and photonic integrated circuits. Exhibit safety awareness by following safe working practices and common laboratory hygiene. Perform other duties as necessary, e.g. shipping, receiving etc. **What You'll Need** Bachelor's degree in mechanical, chemical, material, or

electrical engineering, physics, or related technical fields. A hands-on mindset and a strong willingness to actively engage in various equipment and process related tasks and responsibilities. Ability to follow instructions and work independently and efficiently, requiring minimal supervision. Ability to organize work efficiently, carry out multiple operations in parallel, and successfully complete projects in a timely fashion. Demonstrated analytical skills and troubleshooting experience. An ability to work well under pressure to meet project deadlines. Excellent written and oral communication skills. **What We'll Value** Exhibits a strong engineering mindset characterized by a systematic and analytical approach to problem-solving. Proficiency in process equipment, especially ALD tools, and process control skills. Showcasing enthusiasm for acquiring new skills and adapting to evolving challenges. Willingness to work collaboratively, embrace new knowledge, and contribute to a dynamic team environment. Knowledge of cleanroom protocols is a plus. Hands-on semiconductor or microfabrication equipment maintenance is a plus. Experience in thin film technology (e.g. ALD, CVD, evaporation, sputtering) is a plus. Experience in thin film metrology and characterization is a plus. Experience in electric or optical device packaging technology is a plus. **Work Location:** The position is at the company's headquarters at Englewood, CO in the Denver metro area. **Compensation & Benefits** SALARY RANGE: \$80,000 - \$120,000 (LWLG offers competitive salaries based on the education, experience, knowledge, skills, and abilities of the applicant). Fully paid medical, dental, and vision coverage (employee and family). Company contribution of \$500/year (prorated) toward your medical FSA. PTO and company holidays as spelled out in the Company Handbook. 401K (Safe Harbor, 4% match). Interested candidates should send a cover letter and CV/resume to resumes@lightwavelogic.com

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