



Please submit your resume, cover letter, references and a signed [OLEDWorks application agreement](#) to careers@oledworks.com for consideration of employment.

Position Title: OLED Process and Product Engineer
Department: Fabrication/Production
Division: Operations
Reports To: Manager, Fabrication
FLSA Status: Exempt

About Us:

OLEDWorks' mission is to empower our inspired customers through pioneering development and manufacture of the world's best and most affordable OLED lighting devices.

Creating world-class, cost-effective solutions requires an entirely new approach that breaks from traditional OLED manufacturing paradigms. With production in Aachen, Germany and in Rochester, New York, OLEDWorks boasts two innovative and complementary manufacturing platforms that deliver affordable OLED solid state lighting panels. OLEDWorks is uniquely positioned to offer volume production while expanding product portfolio to enhance design inspiration.

With a focus on performance excellence, flexibility and responsiveness, OLEDWorks enables our customers to adapt quickly to market demands. OLEDWorks is singularly positioned to deliver OLED lighting engines to our integration partners – the creative collaborators in the luminaire, design, architecture and adjacent markets.

Our team is comprised of global OLED pioneers and manufacturing experts. As key inventors, innovators, and implementers for the processes and equipment that manufactured the world's first active matrix OLED display and the highest brightness light panel, OLEDWorks has significant OLED production experience and unique insight into manufacturing strategies specifically tailored to lighting.

Job Summary: The OLED Process and Product Engineer is responsible for duties and activities within both the process engineering and product engineering functions. Areas of focus are development and commercialization of production processes for OLED manufacturing, implementation of ISO9001 quality processes for OLED production, experiment/trouble shooting/failure analysis and project focused day-to-day activities within the production and engineering teams.

Essential Functions:

- Development and commercialization of production processes for OLED manufacturing.
 - Development of process on research scale for OLED formulation and encapsulation
 - Transfer of processes from research scale to production
 - Following steps through commercialization and into production
 - Scale-up of production processes as production volume grows
- Implementation of ISO9001 quality processes for OLED production
 - Including establishment of testing and quality processes.
- Trouble shooting and failure analysis
 - Root cause analysis
 - Experimental confirmation of problem and development of solutions.
- Working with external downstream process partners
- Working with incoming suppliers
- Works on various special projects as assigned by the COO.
- Other duties as assigned. Responsibilities and duties may change at any time due to the needs of the organization with or without notice.

Education & Experience:

Bachelor's degree from a four-year college or university in microelectronic engineering or related field of study required. Experience with and/or strong interest in chemical process preferred.

Competencies & Skills:

- Quality skills and experience in Total Quality Management (TQM)
- Strong experimental skills including Design of Experiments (DOE) and statistical data analysis skills
- Understanding of OLED and device making
- Possess organic and inorganic materials knowledge
- Problem solving/critical thinking skills
- Independent drive for results
- Resourceful
- Detail oriented and quality focused
- Communication proficiency, both written and verbal
- Interpersonal skills and teamwork focused
- Adaptable through periods of change and growth
- Ability to multitask based on prioritization and time sensitivity
- Customer/Client focus
- Working knowledge in Microsoft Office (Word, Outlook, Excel, and PowerPoint)

Physical Demands & Work Environment:

This position operates within both a production and professional office environment. An individual working in this role routinely is required to stand, walk, use hands, reach with hands and arms, bend, and use various machines and tools. Required to wear and use proper PPE gear

if applicable. Specific vision abilities are required for parts of the job to include close vision, color vision, peripheral vision, and ability to adjust focus. The position will also sit at a desk and use office equipment such as a computer, phone, photocopiers/scanners, and other peripherals. This position may require light lifting in order to move boxes of materials and/or supplies up to 25 pounds. Travel is not required.