

Laser Production Engineer

Radiantis is a leading manufacturer of cutting-edge solid-state lasers and optical parametric oscillators, used extensively in non-linear microscopy and advanced research applications. Since 2006, the company's innovative products have been installed at numerous prestigious universities and research centers worldwide. We are currently seeking a laser production engineer to contribute to the delivery of robust and reliable automated laser systems to our customers.

Description

As a key member of our dynamic and passionate team, you will play a hands-on role in assembling, aligning, and testing advanced free-space laser systems that drive scientific discovery around the world.

Responsibilities

- Assemble and test mechanical and electronic components in accordance with detailed procedures, engineering models, technical drawings, and specifications, ensuring precision and reliability in every build.
- Align and calibrate complex laser systems, and characterize beam properties using high-precision instruments such as autocorrelators, beam profilers, spectrometers, and power meters.
- Perform system-level testing and validation, ensuring all components and subsystems meet performance and safety standards before deployment.
- Document assembly and testing procedures, results, and any deviations, contributing to continuous knowledge sharing and process refinement.
- Collaborate with engineering and R&D teams to support prototype development, troubleshoot design issues, and provide feedback for product improvements.
- Drive continuous improvement by identifying and implementing initiatives that enhance product quality, production efficiency, and workflow optimization.
- Maintain a clean and organized workspace, adhering to safety protocols and quality standards at all times.

Requirements

- A university degree in Physics, Engineering, or a related technical field.
- Hands-on experience working with lasers or experimental optical setups in a laboratory or industrial environment.
- Solid practical knowledge of mechanical and electronic workshop techniques, including assembly, testing, and troubleshooting.
- Proficiency in computer applications, including Windows and Microsoft Office tools.

- Familiarity with technical programming environments such as LabVIEW, Python, or similar software is highly desirable and considered a strong asset.

If you're passionate about working in a high-tech industrial environment and take pride in contributing to the production of cutting-edge laser systems, we'd love to hear from you.

This role offers the opportunity to join a highly skilled and collaborative team at the forefront of laser technology. You'll be part of an innovative environment where precision, quality, and continuous improvement are key.

To apply, please submit your CV and a cover letter directly through the LinkedIn job posting: <https://www.linkedin.com/jobs/view/4268343646/>
Be sure to highlight your motivation and relevant experience.