

# FIBERTEK, INC.

AN ADVANCED PHOTONICS COMPANY

13605 DULLES TECHNOLOGY DR  
HERNDON, VA 20171  
703-471-7671

## Laser Engineer (Electro-Optical)

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Fibertek, Inc. is a leading developer of laser and electro-optic systems for the aerospace community, with key contributions to lasers for atmospheric sensing, laser communications, and lidar sensors for NASA, DoD, and commercial customers. We are looking for a highly motivated individual to join our division at Fort Belvoir, VA to perform engineering and technical support for laser and active sensor devices on various platforms.

### Your Job

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The successful candidate will provide engineering support and advice for team integration on new and existing platforms. The position requires interfaces with all aspects of the team to resolve system engineering issues and actions. The candidate will assist in managing technical activities for research, development, test and evaluation of laser and system components. You will join an agile small business that has a dedicated team of technology and business leaders with 35 years of success behind them

Your role will include:

- Expertise and direction in the development or modification of new capabilities.
- Evaluation of project initiatives, designs, and design changes at the system level for performance impacts.
- Identification of component and system requirements.
- Ability to work with other engineers and staff to support modeling, design, development, integration, and product verification testing at the component and system level. Recommends future direction or projects to the team.
- Delivery of technical and program briefs to government and contractor personnel.
- Testing and test planning of Laser and associated components.
- Knowledge of optical, electro-mechanical, and software systems and their application in the laboratory and field environment.
- Expertise in technical support for proof of concept, developmental test, operational tests, and factory & acceptance tests.
- Documentation of support field exercises and coordination with test ranges and support activities.
- Developing and implementing technical test plans.

### Required Skills and Experience

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- Minimum Bachelor's degree in the Engineering or Science fields. Other disciplines will be considered with appropriate experience. Advanced degrees desired.
- Minimum of 10 years of relevant experience.
- Experience in Laser or active sensors development.
- Experience performing requirements decomposition, analysis of system performance, and specification generation and compliance.
- Experience working with Program Managers and industrial Laser producers of systems.
- Experience preparing technical reports and field tests related to electro-optic devices and systems and experience in Army programs acquisitions is highly desirable.
- Ability to use bench-top electronic test equipment including data acquisition systems, oscilloscopes, power supplies, etc.
- Experience with the integration of data acquisition hardware and software into personal computers.
- Ability to use software for managing, analyzing and reporting data collected during data acquisitions.
- Must be able to work in a team environment.
- Proficiency in MS Office, PowerPoint and MS Project required.
- Excellent writing and editing skills.
- US citizenship is required.
- Active DoD clearance is required.

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## Why Fibertek, Inc?

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FIBERTEK, Inc. is a recognized leader in advanced lasers, lidars and laser communication systems providing our DoD, NASA and aerospace customers discriminating capabilities. We pride ourselves in our innovation and customer success focused culture enabled by a creative and relaxed work environment with minimal bureaucracy. Fibertek fosters a progressive learning environment that values inspiration, promotes professional challenge and encourages personal growth. We offer a competitive and incentivized compensation package with excellent benefits.

***Fibertek, Inc. is an equal opportunity and affirmative action employer. Applicants are considered regardless of race, sex, disability, veteran status or any other protected characteristic in accordance with applicable law.***