

TITLE: Engineering Tech
COMPANY: Griffin Analytical Technologies, LLC
LOCATION: West Lafayette, IN
SALARY: Commensurate with experience

Griffin Analytical Technologies, LLC is a high-tech, high-growth chemical detection company focused on identifying chemical warfare agents and explosives as well as environmental monitoring applications. In Griffin's dynamic and entrepreneurial environment, field - portable mass spectrometry technologies are: researched, designed into robust products, manufactured on site in Indiana and sold to customers in the United States and throughout the world. Customers range from the United States Departments of Defense and Homeland Security to mobile environmental monitoring vans in China. Though the core technology of all Griffin's instruments is the Purdue University patented Cylindrical Ion Trap (CIT), each of our products is tailored for particular customer markets.

Griffin wants people to be as innovative as our products so successful Engineering Tech applicants are able to bring novel ideas to designing and reducing the size of the instrument electronics using the latest design philosophies and methods. Collaboration is also encouraged and highly valued at Griffin, thus providing many opportunities to work with other functional disciplines, technologies and companies. Our engineering team members work closely with our scientists and our manufacturing personnel to achieve superior results.

Critical Job Elements:

- Assemble and test sophisticated electromechanical systems
 - Perform acceptance testing as required on purchased assemblies, like printed circuit boards
 - Perform testing on completed units
 - Assemble mechanical subassemblies and product final assemblies, including vacuum lines and fittings
- Assist engineers with the building and testing of prototypes, including
 - cables and harnesses
 - surface mount and plated-thru-hole printed circuit board assemblies
 - instrument subassemblies and final products
 - assist engineering team with design testing, validation and verification
 - researching, identifying and selecting electronic and electromechanical components under the direction of engineers
 - ordering electronic and/or electromechanical components for prototype builds
 - tracking materials required for prototype builds
 - maintain [engineering lab equipment and ordering tools](#)

ABOUT ICx

ICx Technologies sells products designed to thwart terrorists, sniff out improvised weapons and intercept agents of mass destruction. Our sensors detect chemical, biological, radiological, nuclear and explosive (CBRNE) materials. We manufacture security radars, infrared cameras and other products that detect, illuminate or neutralize incoming threats. And we sell systems and software that link, supervise and control security products supplied by ICx and other vendors and partners. We provide solutions where traditional technologies are too expensive, cumbersome or unreliable to do the job.

Qualifications:

Required Job Skills:

- Surface mount component assembly
- Ability to read and understand electrical schematics and mechanical assembly drawings
- Ability to assemble printed circuit boards from engineering drawings
- Ability to assemble cable assemblies and harnesses from engineering drawings
- Ability to work effectively with Microsoft Office Suite of software products
- Mechanical aptitude for assembly of complex electro-mechanical instruments
- Ability to assemble vacuum lines and tubing

Other Requirements:

- ASEET and 2 years of directly relevant work experience, or
 - BSEET degree, or
 - High school diploma and 5 years of directly relevant work experience
- Demonstrated ability to work and communicate effectively with engineers, scientists and other co-workers
- Ability to effectively communicate and interact with team members
- Comfortable in a dynamic, entrepreneurial atmosphere

Send resume and cover letter to:

Recruiting Manager

jobs@griffinanalytical.com

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.