



**SI2 Technologies, Inc.**  
**267 Boston Road**  
**N. Billerica, MA 01862**

***Additive Manufacturing Technician***

SI2 Technologies, Inc. (SI2) develops, manufactures and supports advanced electromagnetic systems, including antenna systems created by 3D printing and additive manufacturing, for the defense and aerospace markets. SI2 is currently seeking highly qualified candidates for a detail-oriented Additive Manufacturing (AM) Technician with experience in the Design, Manufacture and Inspection of 3D printed, 2D printed or otherwise digitally manufactured hardware to support SI2's RF microwave systems.

**Job Description:**

As an Additive Manufacturing Technician at SI2, you will be responsible for supporting our research and product development activities by creating additively manufactured parts. You will provide technical support in the development of AM hardware using conventional and SI2's proprietary additive manufacturing technologies on a variety of 2D and 3D printing equipment. You will also be responsible for supporting our roll-to-roll manufacturing area including machine operation, material handling, and software interfacing. SI2's wide format inkjet systems require the ability to debug hardware issues, maintain equipment, manipulate print files using various software tools, and monitor and manage of printing tasks. You will work both individually and with a team of engineers, scientists, program management, and material suppliers to meet technical milestones and production goals.

**Desired Experience & Skillset:**

- Experience with large manufacturing equipment and machinery, including the maintenance and upkeep of said equipment.
- Ability to set-up, calibrate, and optimize inkjet and additive manufacturing equipment to achieve the desired results in the most efficient manner.
- Software and user interface(s) for one or more 3D printers, such as FDM-style thermoplastic 3D printers. Experience with inkjet printers is a plus.
- Ability to follow prescribed processes to complete inkjet printing tasks on time
- Ability to learn and operate different software packages to create print files
- Well organized, including excellent note-taking skills, shop cleanliness, and experience using travelers/routers for process control
- Knowledge of common software tools, such as Adobe Reader and Adobe Acrobat
- Ability to adapt to different problems and to effectively communicate those problems within the inkjet printing group
- DoD Security Clearance is a plus.

**Requirements:**

The successful candidate must have the following qualifications:

- US citizenship is required.
- Minimum 1-3 years of experience using large manufacturing equipment, such as roll-to-roll systems or gantry devices.
- Operates and maintains all inkjet equipment, including printer, conveyer and surface treatment systems
- Creates and manages print files using Adobe Illustrator
- Follows, and provides feedback for, equipment operating procedures
- Maintains shop organization, including dry storage of inkjet material
- Must be able to contribute to multi-disciplinary programs not necessarily confined to his/her area of expertise.
- Must have good organizational; be self-motivated, detail-oriented, enjoy teamwork and excel in a dynamic environment.
- Occasional travel will be required.