

## **Company Background:**

Andrea Systems LLC is an AS9100 supplier of communications systems and equipment for aviation and military applications. Located in Farmingdale, New York, Andrea Systems was originally part of Andrea Radio Corporation, then part of Andrea Electronics Corporation. For over seventy years Andrea has provided high quality, state-of-the-art communications technologies for both military and commercial applications. We are a leader in the manufacturing of audio amplifiers and intercom systems for aircraft including:

- Bell Helicopter AH-1, 212, 412
- Boeing B-52, FA-18, KC-135
- Lockheed Martin C-5A, C-130, F-16, F-117, U2
- Northrop Grumman F-14
- Sikorsky Aircraft UH-60
- And many other military and commercial applications with products used worldwide.

In addition to our traditional product line Andrea Systems, has recently advanced into the design and manufacturing of innovative medical products.

For further information about the Company and our products, please see our website <http://www.andreasystems.com>

## **MANUFACTURING ENGINEER**

### **Position Summary:**

Andrea Systems seeks a manufacturing engineer who will apply leadership and problem solving skills to the set up of new products in production and to the continuous improvement of existing lines. The successful candidate will be a self-motivated team player who is able to interact effectively with various departments and all levels of personnel with diplomacy. This position will report to the Operations Manager.

### **Responsibilities:**

- Work with manufacturing personnel to standardize and document processes.
- Introduce new technologies and equipment to manufacturing, documenting and performing training where needed.
- Review and monitor tooling for required maintenance or upgrade.
- Design and/or source production tooling for new processes.
- Perform and present data from time and cost studies, and use that information to improve efficiency.
- Work directly with suppliers on material improvements and resolution of quality issues.
- Contribute to the continuous improvement of product documentation.
- Participate in Engineering Design Reviews and facilitate the release of new products.
- Resolve questions from manufacturing personnel with respect to materials and documentation.

### **Qualifications:**

- At least seven years experience as a manufacturing engineer in electronics.
- B.S. in Engineering, Industrial or Mechanical.
- Experience producing method sheets, routers, and procedures.
- Ability to read and apply military specifications.
- Knowledge of IPC soldering standards.
- Familiarity with ESD and safety procedures.
- Computer skills including Word, Excel, and Access. Macola MRP system is a plus.
- Ability to design in Inventor or Autocad.
- The ability to work independently and as part of a project team.
- Strong communication skills, both written and verbal.
- Familiarity with Lean Manufacturing and AS 9100 or ISO 9000 systems.
- Ability to understand and apply SPC is a plus.