



Location: Houston, Texas
Job Type: Regular / Full Time
Reports to the CEO

Vice President of Manufacturing

1st Detect Corporation, a fast-growing subsidiary of Astrotech Corporation (NASDAQ), developing next generation, miniaturized mass spectrometry-based explosives, narcotics and chemical detectors, is seeking a Vice President of Manufacturing. This position is responsible for providing the company with competitive advantages and effectively enhancing the company's brand image as a provider of world class quality products and services.

- **Minimum Required Qualifications:**
 - 10+ years successfully developing and leading world-class manufacturing and fulfillment organizations.
 - Manufacturing experience in the fields of mass spectrometry / analytical instrumentation or complex electromechanical systems.
 - Experience in dealing with off-shore electrical PCB/PCA, sheet metal and plastics manufacturers.
 - Experience in dealing with off-shore system assembly and testing vendors.
 - Ability to analyze products to determine critical components and related manufacturing processes to drive quality and cost.

- **Principle Responsibilities will be:**
 - Direct the manufacturing team in effective and efficient use of purchasing, quality control and operations.
 - Continually improve the overall cost, quality, safety and delivery of products.
 - Assist with the development, planning and execution of the manufacturing strategy including on-shore and off-shore partnerships as necessary.
 - Setup off-shore partnerships with electrical PCB/PCA and metal & plastic component manufacturers, system assembly and testing vendors
 - Responsible for revenue attainment, inventory management, cost containment, budgeting and development of manufacturing and distribution strategy.
 - Achieve and maintain a safe work environment that meets ISO, OSHA and environmental requirements.
 - In conjunction with business unit leaders, develop the annual plan and forecasts, broken down into specific objectives and measures in alignment with overall business objectives.
 - Direct and develop personnel to improve individual performance through training, team and individual development.
 - Develop performance metrics focused on safety, quality, customer satisfaction, and process performance.

- **Desirable Experience:**
 - Demonstrated ability to establish organizational vision and direction coupled with execution on implementation with minimal oversight.
 - Ability to weigh technical options and establish a business rationale for following a certain manufacturing approach.
 - Ability to prioritize work based on the criticality of the business and resource availability.
 - Demonstrated capability to execute on the introduction of new products and drive efficiency improvements.
 - Demonstrated leadership skills.
 - Ability to produce results when facing deadlines or commitments.
 - Preference will be given to candidates with active security clearance.

- **The ideal candidate will be:**
 - An executive who has managed significant manufacturing operations. Must have thorough knowledge of manufacturing methodologies and a proven track record of successfully managing in an agile business environment.
 - Organized and able to meet deadlines.

- Able to work in a collaborative, teamwork environment.
- Able to balance multiple projects.
- A motivated self-starter able to assume responsibility for tasks with minimal supervision or direction.
- Have a metrics-oriented mindset.
- A hands-on manager interacting directly with the employees and collaborating on projects, providing feedback and mentoring.
- Required to provide evidence of U.S. Citizenship.
- Able to travel approximately 30% of the time.

1st Detect revolutionizes the chemical detection market by leveraging the analytical performance of a mass spectrometer, in a transportable instrument. The instrument is capable of satisfying the chemical detection requirements for a variety of markets, including industrial, food and agricultural, security, and defense. As a part of the 1st Detect team, you will have the opportunity to develop and expand your career, while interacting first hand in a group of talented and dedicated engineers and scientists.

EOE M/F/Disability/Veteran