



## Position Specification

Position:	<b>Process Engineer</b>
Company:	Zentech Manufacturing
Position Location:	Dallas, TX
Website:	<a href="http://www.zentech.com">www.zentech.com</a>

## Zentech Overview

Zentech is one of the leading and most highly certified U.S. based Electronics Manufacturing Services (EMS) providers in North America. We support original equipment manufacturers (OEMs) of medical devices, aerospace and defense products, and industrial equipment with engineering & manufacturing solutions. These solutions include printed circuit board layout, test development, printed circuit board assembly, box build/higher level assembly and manufacturing support through the whole product lifecycle.

The products and designs Zentech support are an integral part of everyday life and in mission critical environments. Many can be seen every day at sporting events, on delivery trucks, in medical offices, at construction sites, on American farms, and on commercial aircraft. Other products and designs are unseen but vital, such the work we do for our domestic and foreign military customers who rely on our technical skills to help ensure our country remains safe, our warfighters remain out of harm's way, and our nation's networks remain free from intrusion.

Zentech has developed strengths in the required manufacturing processes for high reliability, high complexity, low-to-medium volume printed circuit boards and box builds, all with best-in-class ability to scale to higher volume products. Zentech products are proudly Made in America, and our dedicated team has worked together to maintain normal operations as an essential business during the COVID-19 pandemic.



## Process Engineer

Full Time Position

Supervisor: Process Engineering Supervisor

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### Position Summary and Responsibilities

The Process Engineer is responsible for driving efficiency and effectiveness of all manufacturing equipment and processes. The objective is to insure consistent repeatable processes that will result in a high quality and cost effect product. The Process Engineer will utilize various methods to collect, report and analyze data to identify areas of opportunity.

This person will support the Process Engineering Supervisor in evaluating and recommending new equipment and process improvement. The role will also support other departments and Customer's related to design, tools and process improvements.

The position requires interaction with production teammates across the department. It requires the ability to effectively communicate and work with others to implement continuous improvement objectives.

Zentech is a growing EMS company, both organically and through acquisition. The Bloomington facility has a lot of capacity for growth. It will be important to refine/implement processes and controls to support that growth.

#### Responsibilities and Duties

- Provides technical assistance to operators along with others in the manufacturing and engineering departments, related to the refinement and control of processes.
- Determine root cause of failures using statistical methods and recommending changes in designs, tolerances or process methods.
- Interface between production and quality to establish a robust and defect free production process, tooling and equipment.
- Use lean principles to analyze and improve material flow and plan layouts to optimize production efficiency, safety, quality, cost and remove waste throughout the process.
- Provide technical and analytical support for all customers (internally and externally) and suppliers associated with product and process.
- Utilize problem solving techniques such as 8D and A3 to document and resolve quality issues
- Procurement and implementation of fixtures, die-sets for lead prepping and other processes
- Any other duties identified by Supervisor



## Position Qualifications

### Qualifications

- 3 years previous electronic manufacturing experience
- Thorough knowledge of validation principles, manufacturing processes, quality systems and engineering design fundamentals
- Experience with PCB, SMT, PTH, Inspection and Test equipment/processes is a plus
- Computer experience especially proficiency in Excel
- Mechanically inclined
- Fluent in electronic assembly documentation/schematics
- Solid analytical skills and ability to translate data into fact-based decision making to support strategic planning and program implementation
- Strong organizational skills and attention to detail with the ability to set clear priorities in a fast-paced environment
- Hands on work – only at desk 30% of your day

**This position may require exposure to information which is subject to US export control regulations, i.e. the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of U.S. regulations.**