



GRAHAM ENGINEERING

## POSITION DESCRIPTION

**Date:** August 2019  
**Title of Position:** Process Engineer – Medical Markets  
**Reports to:** Processing Lab Manager  
**FLSA Classification:** Exempt

### **Nature & Scope:**

The Process Engineer – Medical Markets provides technical and customer support and processing of medical systems and related applications and materials; including running tests and product development.

### **Specific Job Responsibilities & Duties:**

- Run systems pre-test prior to FAT and resolve any issues prior to customer visit
- Will assist shop with line set-up for system pre-test and FAT
- Prepare extruders and customer supplied equipment for FAT's
- Prepare all downstream equipment for FAT's and resolve any issues prior to customer visit
- Responsible for head/tooling/melt pump set up, and maintenance during FAT with Lab Tech
- Attend systems meeting and be prepared to give status updates of systems in progress
- Travel to customer sites to assist with start-up and process.
- Work with sales to develop new equipment and/or processes
- Review customer documentation to ensure AK specs match customer requirements
- Maintain organization and control of lab parts and equipment
- Be sure all necessary equipment and materials are available for lab trials and FAT's
- Work with customers during lab trials to get the desired product customer needs
- All other duties as assigned
- Travel required

### **Qualifications:**

#### **Education**

- Significant experience in process testing and designing.
- A Bachelor's Degree in Engineering or Materials/Polymer Science is a plus.

#### **Experience**

- Testing/process design
- Medical extrusion including single & multi-lumen tubing, co-extrusion, profiles, and wire jacketing

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- Tooling design (die, vacuum and cutting) and screw design
- Medical devices and delivery systems experience
- Experience with processing a wide variety of medical grade materials and polymers including Nylons, Pebax, PU, FEP, PEEK, HDPE, FPVC, TPE and PLLA
- MS Office Suite
- Experience in the extrusion industry is highly desirable

### **Skills/Critical Competencies**

- Must be team oriented, and customer driven.
- Planning/organizing – Use time efficiently while designing the highest quality machines
- Strong customer orientation
- Ability to utilize a troubleshooting methodology
- Possess interpersonal, listening, and participation skills in order to work with others as part of a team.
- Ability to multitask
- Must be flexible and adapt to changing requirements.
- A track record of ethical business behavior.
- Commitment to American Kuhne and Graham company values.

### **Dominant Physical Requirements & Essential Job Functions:**

- This position requires a high degree of mobility to assemble, process and repair machines.
- The incumbent must be able to effectively utilize a variety of hand and power tools, computer peripherals, climb ladders and lift up to 40-50 lbs.
- The incumbent must be able to effectively communicate with employees at all levels within the organization, as well as customers and vendors.
- Regular and predictable attendance is an essential job function.
- Must be willing and able to travel to customer sites as necessary; up to 25%