

## **TITLE: PRODUCTION BEADBLAST TECHNICIAN**

### **Job details:**

Job type: Full-time on-site work is required.

Shift and Schedule: Availability to work rotating shifts from 5:00 a.m. to 1:30 p.m. and 2:00 p.m. to 10:30 p.m. The rotating shift availability relates to training; Candidate will be required to work 1st shift schedule to train however position is for 2nd shift.

Pay Rate: \$25-\$27 per hour; DOE

### **Job Summary**

#### **Production and Bead/blast Responsibilities.**

##### **Production Line:**

- Production technicians and bead-blasts are responsible for processing the parts received daily. Their role also includes performing detailed physical cleaning of the parts using degreasers and acids, which may involve using a wipe and solvents such as alcohol and acetone for greater precision.
- Technicians are responsible for the safety and handling of parts, including using appropriate baskets and hooks to immerse parts in degreasing and acid tanks according to de training and customer instructions cleaning specifications assigned on travelers, as well as reviewing prints, photos, notes on travelers and/or other established instructions, such as, but not limited to, TMPI work instructions or the standard cleaning procedure.
- The parts received on the production line are manufactured with the following materials: stainless steel, aluminum, copper, quartz, ceramic, titanium, bronze, anodized aluminum, nickel, etc.
- The production line technicians are responsible for ensuring and maintaining a clean and safe working environment with regular cleaning intervals as needed or scheduled.

### **Bead-Blast:**

- Bead Blasting Technician is a specialized surface preparation professional in manufacturing and industrial settings. This role involves using high-pressure air to shoot tiny glass beads (or other media) at metal parts to clean, deburr, or create a uniform, matte, or satin surface finish.
- **Part Preparation:** Clean, degrease, and mask off areas of parts that do not require blasting.
- **Inspection:** Visually inspect parts before and review prints to confirm the areas that will be bead-blasted. After blasting to ensure they meet specifications and are free of contaminants.
- **Maintenance:** Monitor machine pressure, replace blasting media, and clean blast, filters, and dust collectors.
- The fundamental purpose of the production and bead-blasting department is that all components of the parts must be carefully cleaned to ensure the quality and certification of the product.

### **Physical requirements:**

Ability to use safety equipment: (Respirator, Safety gowns, steel-toed safety boots, safety glasses and hearing protection. For extended periods of 8 hours.)

### **Skills/Experience Required:**

- Basic ability to follow complex instructions, basic computer and cell phone skills for sending and recording data, and good communication skills.
- Experience with bead-blast machine precision and handheld jet nozzles is often preferred, as well as prior experience in processing parts in chemical environments, for example, nitric acid or a semiconductor environment.
- Previous experience in this type of work, such as processing used and contaminated parts metal or other objects, and knowledge of parts made from stainless steel, aluminum, copper, nickel, and anodized metals will be considered a plus.