

A growing aerospace company is searching for an experienced brazing engineer with exceptional skills and experience to expand brazing engineering capacity, increase volume and grow business in braze department

### **Position Description:**

The Brazing Engineer provides brazing and assembly process assistance under the direction of the Operations Manager and is responsible for assisting the development of brazing systems and technology to ensure that services provided meet the contractual requirements established by customers and procedures. The Brazing Engineer is also responsible for supporting the sales function with braze related issues and quotations.

### **Specific Responsibilities of the Job:**

- Ability to interface between engineering and internal and external customers.
- Leader of Continuous Improvement and root cause problem solving activities.
- Provide necessary interdepartmental communication between Engineering, Production, Production Control, Quality and other areas to accomplish assigned goals and objectives.
- Develop and maintain standardized brazing processes and sequence of operations. Specify and integrate the braze procedures in to tech plans and routers.
- Provide technical support to Sales and assist with braze related quotations.
- Maintain multiple projects concurrently.
- Establishes brazing procedures to guide production personnel relating to specifications, material processes, pre- and post-heating requirements
- Evaluates and analyzes new developments or designs in brazing for application to current brazing or production processes.
- Investigate and troubleshoot issues/problems with brazing processes.
- Conduct material, failure and cause analysis on brazing issues.
- Create documentation of brazing parameters.
- Maintain and update documented training process for brazing personnel and supervisors.
- Schedule and maintain furnace schedules with pyrometry's input.
- Design and develop tooling for new and existing programs.

### **QUALIFICATIONS (Knowledge/Skills/Education)**

- Bachelor Degree in Aerospace, Materials, Mechanical or Manufacturing Engineering or related discipline from an accredited college/university – Master Degree a plus
- Minimum of 5 years' experience in aerospace, manufacturing, value engineering or product engineering
- Strong interpersonal skills, ability to organize, and excellent communication skills
- Project management skills
- Lean practitioner.
- Microsoft Office experience.

### **PHYSICAL DEMANDS:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to stand and use hands to feel objects, tools, or controls. The employee frequently is required to talk or hear. The employee is occasionally required to stoop, kneel or crouch.

The employee must occasionally lift and/or move up to 50 pounds.

**WORK ENVIRONMENT:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee regularly works near moving mechanical parts.

The noise level in the work environment is usually moderate.