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**Job Title: Brazer/Welder – Assembler, Allentown, PA**

**SUMMARY:** Assemble and silver brazes components to fabricated metal items such as copper to copper, and copper to brass; as specified by work orders, diagrams, or layout, by performing the following duties.

**ESSENTIAL DUTIES AND RESPONSIBILITIES-** include the following. Other duties may be assigned.

- Performs the steps listed below in accordance with established brazing procedures for which the incumbent has been tested and qualified using ASME criteria. Must be able to pass brazing certification.
- Reads and interpret blueprints, engineering specifications, standard operating procedures and manufacturing orders.
- Mechanical ability needed to assemble components using manual tools and power tools.
- Aligns and clamps parts together, or positions items in fixtures, jigs, or vise.
- Prepares components and tubing joints, brushes flux along seams.
- Heats metal with torch to proper temperature for soldering.
- Guides torch along seam to heat workpiece to bonding temperature and dips bar or wire of specified soft solder in seam to solder joint.
- Softens flux on work piece by soaking in water bath.
- Grinds, cuts, or bends edges to fit fabricated parts together.
- Brazes or soft solders broken parts or covers holes to repair leaks.
- TIG and MIG welds stainless steel frames and stands
- Assembles components to make final assemblies per drawings and work orders.
- Close attention to detail needed to follow detailed work instructions, processes and procedures (written and verbal) to meet customer expectations.
- Individual safety awareness responsibility needed; understanding of safety regulations in facility and PPE.
- Maintains a clean and organized work area to facilitate 5S/Kaizen manufacturing functions.
- Availability to work overtime and move between shipping and material finishing departments for training and/or coverage purposes to support production as needed.
- Performs other assignments as directed by management.

**QUALIFICATIONS:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**EDUCATION and/or EXPERIENCE:**

High school diploma or general education degree (GED); or two to four years related experience and/or training; or equivalent combination of education and experience. Brazing and Welding experience needed.

**CERTIFICATES, LICENSES, REGISTRATIONS:**

Must be able to pass ASME brazing certification on procedures qualified by Acme.

**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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand; walk; use hand and arm motor skills to handle, feel, reach and position work. The employee frequently is required to talk or hear. The employee is occasionally required to stoop, kneel, crouch, or crawl. The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Send resumes to:  
**Acme Cryogenics, Inc.**  
**Attention: Human Resources**  
**2801 Mitchell Ave, Allentown, PA 18103**  
**Fax: (610) 791-0640**  
**Email: [hr@acmecryo.com](mailto:hr@acmecryo.com)**

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