Welding Engineer

Are you passionate about quality and innovation in welding, looking to be introduced to various material combinations while building heat exchangers? Do people describe you as someone who gets things done? If so, we are excited to meet you!

As the **Welding Engineer**, you will have the opportunity to be responsible for the design, examination, and meticulous evaluation of weld projects including planning, effective supervision, and comprehensive documentation of welding operations.

**Are you:**

**DETAIL ORIENTED AND A SELF STARTER.** You pay close attention to project scopes and ensure every detail is applied to each welding project. You are not someone who needs to be told what to do - you see tasks, issues and projects and have a sense of drive to get them done, no matter the hurdle or roadmaps you may encounter.

**OPEN-MINDED WITH A WILLINGNESS TO LEARN.** You are eager to absorb new knowledge, skills, and experiences for self-improvement, knowing it will help you be a better problem solver and creative thinker with your colleagues and customers.

**A PERSISTENT AND COLLABORATIVE TEAM PLAYER.** You have the ability to communicate effectively with different departments and clearly convey objectives. You believe that work is not accomplished by 1 person only and that the way to ensure an excellent product for customers is to join the team, roll up your sleeves, and contribute.

**ESSENTIAL DUTIES MAY INCLUDE:**

**Within the first 30 days and ongoing:**

- Becomes familiar with Brask Inc.’s machinery, products, tools, ProWrite software and the current established processes and procedures governing weld procedure qualifications.
- Collaborates with Welders on the shop floor, reviews engineering drawings, assesses the need for new weld procedures, evaluates existing ones, and if necessary, analyzes customer specifications and purchases materials per job requirements in preparation for weld projects.
- Begins to develop preliminary weld procedures and shop plans, including material preparation timelines. Collaborates with the Purchasing Department to ensure materials and resources are procured on time and in accordance with project specifications.
- Learns to generate comprehensive written welding procedure qualifications, including Procedure Qualification Records (PQRs) & final Welding Procedure Specifications (WPS).
- At 30 days, can independently run 5-10 weld procedure qualifications. Meets with the VP of Manufacturing to discuss learnings and performance so far and determine goals for the next 60 days to further contribute and support the team.

**3 months and ongoing:**

- Manages weld procedure qualifications independently, handling customer submittals and coordinating with the shop, & oversees qualification & criteria with an acceptance rate of 70%.
- Examines process trends by conducting in-depth analysis to devise solutions following the 80-20 principle for ongoing process enhancement. Generates and interprets 90-day data for weld defects and identifies potential areas for improvement.
- Partners with the Welding Leads and becomes familiar with the automated welding equipment. Provides support to the Polysoude Automatic Tube Welding department by assisting in machine maintenance and the development of welding procedures.

**6 months and ongoing:**

- Is seen as a trusted member of the Welding team, paired with consistent precision and flexibility as different projects come up.

*Please note:* I AM NOT AN ATTORNEY LICENSED TO PRACTICE LAW IN CALIFORNIA AND MAY NOT GIVE LEGAL ADVICE OR ACCEPT FEES FOR LEGAL ADVICE. NONE OF THE ABOVE SHOULD BE CONSTRUED AS LEGAL ADVICE. ALL ADVICE AND GUIDANCE IS INTENDED AS GENERAL BUSINESS AND HUMAN RESOURCES ADVICE, AND MAY NEED TO BE TAILORED TO YOUR SPECIFIC BUSINESS CONTEXT. IF YOU NEED LEGAL ADVICE, PLEASE CONSULT AN EMPLOYMENT LAW PROFESSIONAL.
• Creates welding specification summaries, including welding processes to ensure compliance and high-quality welding outcomes. Streamlines welding procedures and database management, while integrating customer specifications into the documentation process.
• Conducts assessments of weld quality and performs failure analysis when issues are reported.

12 months and ongoing:
• Runs weld procedures 100% independently and ensures timely customer approval, and submits weld procedures to the Lab with the goal of approval on the first submission.
• Achieves a turnaround time of two weeks for weld procedures, within 14 days of the initial request, which represents a successful outcome.
• Utilizes Weld ProWrite software to track the results of non-descriptive testing, and identifies and initiates the resolution process for welding-related defects in both shops.
• Continues to take on more complex weld procedures, including chrome alloys, tube-to-tubesheet welding, automated welding processes, etc.

EDUCATION, SKILLS & EXPERIENCE:
✓ 1+ years’ experience reading, interpreting, and determining appropriate welding procedures and processes based on customer specifications and industry requirements required
✓ Bachelor’s Degree in Welding Engineering, Welding Engineering Technology or related field, or 2+ years of relevant industrial experience highly preferred
✓ 2+ years of hands-on experience in welding engineering or welding engineering technical support in a heater exchange manufacturing environment highly preferred
✓ ASME B&PV Section VII Division 1, Section II, Section IX. ASME B&PV Section VII Division 2 and AWS code experience a plus
✓ Highly skilled with various office equipment, computers, and various programs including MS Outlook, Word, and Excel and weld procedure software required
✓ This position will support both of our shop locations in Pearland, TX & Sulphur, LA and will be expected to travel to the location they are not based out of 1-2x per month for typically 1-2 days required

BENEFITS INCLUDE:
Competitive compensation based on experience and skillset.
Well-Being: Paid vacation / Sick leave / Paid holidays
Health: Medical / Dental / Vision
Future: 401k after 12 months of employment with a discretionary match of 50% on the first 6% of employee deferrals
Location: Employee relocation assistance optional if relocating from a different state to one of our 2 locations; Pearland, TX or Lake Charles, LA
Working hours: Brask has a “flex time” schedule with the core hours being 9am-4pm Monday through Friday. We are in the service industry, so there may be the rare occasion where weekend on call duties is required- these are minimal.

WHO WE ARE:
We at Brask Inc. are the “Heat Exchanger People” that specialize in providing engineering design and fabrication services for complete exchangers, replacement parts, ASME Code Modifications, API 510 repairs, new bundles, emergency turnaround repairs, and consulting services to our client’s day in and day out in a fast-paced environment.

Here at Brask Inc., we truly care about our employees and customers alike, knowing full well that if we take care of our own employees, we can have the confidence that our customers will be taken care of with the highest quality product.

You are not only an employee at Brask Inc., but you also become part of the Brask family. We embody the saying “work hard, play hard”, as we can have fun as a group when the time allows, while also being able to hold each other accountable to get the job done.
Our goal is to continually give back to our local community, do our part in reducing our carbon footprint, and ensure safety is top of mind.

TO APPLY: Please email your resume to Delanie Richard, HR Manager: drichard@braskinc.com

*Title email subject line: [YOUR FIRST NAME] – Welding Engineer (TODAY’S DATE)

To learn more, visit our site: https://braskinc.com/