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| Job Title: | Lead Machinist | Job Category: | Shop & Manufacturing |
| Department/Group: | Shop & Manufacturing | Position Type: | Full-Time (Preferred); Part-Time; Temporary; Permanent |
| Location: | Shop | Travel Required: | No |
| Hours: | Flexible; Open 6a - 9p | Compensation: | \$20-30/hr |
| HR Contact: | Jessica Sweeney | Date posted: | 1/22/2018 |
| Will Train Applicant(s): | Limited Training Available | Posting Expires: | |
| Company Description: Research engineering with full machine, welding, fabrication and assembly shop for manufacturing mechanically operated DurOLok pressure vessels and critical fluid processing systems and components. | | | |
| Job Description: | | | |
| <p>Job Purpose:</p> <p>The Lead Machinist will fabricate high-quality pressure vessel and pressure vessel parts for customer deliverables. The Lead Machinist will communicate effectively between the shop and engineering, quality and administration to keep deliverables on schedule and the shop operating smoothly.</p> <p>This role includes turning large stainless steel parts with tight tolerance on vintage manual machines.</p> <p>Duties & Responsibilities:</p> <ul style="list-style-type: none"> • Operate manufacturing equipment including manual engine and turret lathes, manual vertical and horizontal milling machines, surface grinders and hand tools. Materials of construction is mainly stainless steel with occasional carbon steel and aluminum machining. • Maintain machines, cleaning and lubricating, and keeping a clean and orderly work area. • Maintain safe operations by adhering to safety procedures and regulations. • Work with engineering department to review drawings for machinability, plan sequence of operations, determine tooling required. • Work with purchasing on purchase of materials and subcontracting. • Work with customers and sales to clarify product requirements. • Work with customer service and engineering to resolve problems with custom products. • Assist with other shop functions including system assembly, system piping and plumbing, valve and pump maintenance, etc. • Contributes to Company team for efficient operations e.g. by accomplishing related duties and results as needed. • Timely response to paperwork requirements, including blueprint review and administrative requests. • Keeping management informed of progress and status weekly, and by request. • Estimate time and material requirements for projects. • Ability to keep organized written notes for parts manufacture and design/machinability input. • Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies. <p>Requirements:</p> <ul style="list-style-type: none"> • General manual machining experience on engine and turret lathes, vertical and horizontal milling machines, surface grinders, etc. | | | |

- Lead machinist must have minimum 5 years of experience on engine lathes turning, facing, boring, grooving, trepanning, deep drilling, threading, knurling, and honing stainless steel.
- Ability to inspect work in-process and upon completion using tools such as calipers, micrometers, depth gauges, etc.
- Complete tasks on schedule and within quality and code specifications to tight tolerances (0.001").
- Read and follow design blue prints.

Skills/Qualifications:

- The ability to ensure a quality product is most important.
- Ability to hold tolerance of 0.001" on large stainless steel parts while safely operating vintage manual lathes (requires attention to detail).
- Must have a good knowledge of machine shop tools and equipment.
- Able to read and understand drawings with flexibility to work from models, sketches, blueprints, and to solve problems as they arise.
- Strong math skills.
- Able to communicate with co-workers, management, engineering, and shop personnel both orally and written.
- Ability to speak, write, and read English.
- Proficient in using computers, CNC programming experience is a plus.
- Ability to repair lathes and milling machines, pipe threaders, welding equipment, forklifts, etc. is a plus.
- Previous supervision experience is a plus.

Physical Demands:

- Work is primarily on engine lathes with parts weighing from 5 to 1,000 lbs.
- Able to repeatedly lift tools and parts weighing up to 50 lbs, and load them onto machines, etc.
- Able to stand and walk 8 hours per day.