

Machinist Welder / Pekin (area), IL

Full-time

1st Monday – Friday 7:00 am – 3:30 pm

Long hours, off-shift, and weekend work is always a possibility as a project dictates. ~15%

Travel is always a possibility through the project life-cycle (site inspection, customer meetings, installation, etc.) ~20%

Manufacturing Maintenance Solutions, Inc. (MMS), is a manufacturing process support organization committed to 100% customer satisfaction. The members of the MMS team are highly engaged, skilled and customer focused. MMS offers its customers the highest quality work available and are devoted to providing customer satisfaction that is unmatched in our industry. We understand that personal development is important to our team members and our customers. We have made the commitment to ensure that the tools to continuously sharpen our skills, are available (through our Skills Training Department).

Overview of Position:

Manufacturing Maintenance Solutions (MMS) looking for Machinist Welder. MMS' engineering group undertakes a diverse range of projects, from build, to repair, rebuild, and retrofits of existing production assets. Perform skilled work in welding, brazing, heating, cutting, machining, and shaping metal through the use of acetylene, electric arc welding equipment and machinist equipment. Must be able to rapidly acquire expertise in a wide variety of processes and applications, and produce creative solutions to challenging problems. Ability for hands-on approach with high degree of fluency with general shop practices.

Shop Practice:

- Fabrication practice – cut, weld, grind, layout
- Machine shop practice – Mill, turn, grind
- Precision measurement and calibration
- Fitting – Stone, Scrape, Lap
- Lifting – Use overhead hoist, mobile crane, fork-truck
- Machine repair practice – Precision level and alignment, Turcite, Moglice, Belzona

Required Skills & Qualities:

- **Four years of welding experience, with Industrial maintenance experience with CNC machine tool repair is a must.**
- Set up and operate metalworking, brazing, heat-treating, welding, and cutting equipment.
- Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers and calipers.
- Machine parts to specifications using machine tools such as lathes, milling machines, shapers, or grinders.
- Measure, examine, and test completed units in order to detect defects and ensure conformance to specifications, using precision instruments such as micrometers.
- Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools in order to perform precision machining operations.

Required Skills & Qualities (cont.):

- Study sample parts, blueprints, drawings, and engineering information in order to determine methods and sequences of operations needed to fabricate products, and determine product dimensions and tolerances.
- Select the appropriate tools, machines, and materials to be used in preparation of machinery work.
- Observe and listen to operating machines or equipment in order to diagnose machine malfunctions and to determine need for adjustments or repairs.
- Design fluid power systems – select all components from actuators and piping, to power unit design.
- Maintain industrial machines, applying knowledge of mechanics, shop mathematics, metal properties, layout, and machining procedures.
- Confer with engineering, supervisory, and manufacturing personnel in order to exchange technical information.
- Support metalworking projects from planning and fabrication through assembly, inspection, and testing, using knowledge of machine functions, metal properties and mathematics.
- Fit and assemble parts to make or repair machine tools.
- Evaluate experimental procedures, and recommend changes or modifications for improved efficiency and adaptability to setup and production.
- Design fixtures, tooling, and experimental parts to meet special engineering needs.
- Identify and understand function of furnace and quench components
- Aware of OSHA/ISO/NFPA/RIA standards for machine guarding, work platforms, ladders, etc.
 - Stay abreast of industry practices for controls, automation, and safety
 - Familiarization with safety standards and risk assessment procedures is a plus.
- Must have a valid state driver's license, vehicle insurance and dependable vehicle
- Must be a U.S. citizen or permanent resident of U.S.

Responsibilities:

- Accountable for the equipment with which the employee works or has control over, as well as the need for observation of the process/product to minimize product loss.
- Responsible for any equipment requiring maintenance work.
- Responsible for maintaining accurate parts use records.
- Responsible for all materials and tools used on the job or special projects
- Responsible for maintaining product integrity.
- Responsible for company equipment.

Do you want to learn up-to-the-minute technology? Do challenges excite you? Are you interested in different experiences daily? Then joining our team is the choice to make. We offer competitive wages and benefits along with our extensive education and training program.