



Job Title:	Systems Service Technician	Job Category:	Hourly
Department/Group:	Manufacturing	Position Type:	Full-Time
Location:	7723 Burden Road Machesney Park, IL 61115	Reports To:	Manufacturing Manager
Company Summary			
<p>Machine Tool Builders (MTB) is an engineer owned company started in 1995, dedicated to providing top quality, highly reliable solutions to the machine tool industry. MTB provides service, machine rebuilds and has begun to move towards the new machinery business. Our first totally new machine design is off the drawing board and on its way to the manufacturing phase.</p>			
Job Description			
ROLE AND RESPONSIBILITIES (IN-HOUSE AND/OR CUSTOMER LOCATION IN-FIELD)			
<ul style="list-style-type: none">▪ Service calls to customer’s facilities; mostly in the USA but also Canada, Mexico and some abroad. Service work can vary from electrical/software/mechanical problem diagnosis and correction, to heavy mechanical repairs or possible re-alignments.▪ Machine retrofits and re-controls; projects will usually encompass the removal of the old equipment, installation of the new equipment, power up and testing of the machine upon completion of the installation and finally training of the customer, if required.▪ Machine wiring and electrical control panel building, as required.▪ Machine startup and debugging.▪ Software debug, modification and testing.▪ Electrical and/or Mechanical machine repairs.▪ Machine cleaning and tear down with documentation of original assemblies.▪ Inspection and identification of defective components.▪ Machine re-assembly including mechanical, hydraulic and pneumatic assembly with new components, proper fit and alignments or adjusted alignments to OEM tolerances.▪ Machine re-certification.▪ Service calls to customer’s facilities as required.▪ Scraping and alignment of equipment and components.▪ Installation or repair fluid power systems. Includes pipe bending, hose making, layout etc.▪ Installation of new or repaired machine guarding.▪ Assist with electrical component installation like ductways, switches, cable tracks etc.▪ In-Process documentation, part identification, part ordering and reporting.▪ Plant and equipment cleaning and maintenance.▪ Work closely with Controls Engineering to debug and improve designs▪ Work closely with Software Engineering to debug and improve software▪ Maintains safe and clean working environment by complying with procedures, rules, and regulations.▪ Conserves resources by using equipment and supplies as needed to accomplish job results.▪ Documents actions by completing production and quality forms.▪ Contributes to team effort by accomplishing related results as needed.▪ Perform additional duties as assigned.			



- Extensive travel up to 50% - 75% of the time for field customer service, inspection or repair and in-field recontrol/retrofit projects (occasional recontrol projects may require 4-6 weeks at one time). When not traveling position will work in-house, under the direction and guidance of production supervisor.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- 2-year technical school degree or extensive on-the-job-experience for mechanical assembly and/or machine building.
- Technical knowledge and ability to read, understand and follow engineering prints, drawings, schematics, shop orders, and standard work documents to accomplish the assembly, rebuild, and plumbing of machines.
- Knowledge and troubleshooting of CNC, PLC, Servo Drive systems, and software.
- Panel building and machine wiring, along with electrical code knowledge.
- Good diagnostic skills on electrical, hydraulic and mechanical systems.
- Prior CNC or PLC experience a plus.
- Feedback system knowledge a plus.
- Ladder logic a plus.
- Software design capabilities a plus.
- High-level language skills a plus (C, C++, Visual Basic, Etc.).
- GE Fanuc, Siemens, NUM and Allen Bradley experience a plus.
- Basic to intermediate skills for precision mechanical assembly such as use of indicators and other measuring tools, bearing replacement, ball screw replacement, way evaluation and repair, slide adjustments, geometry alignments, etc.
- Knowledge and experience with gear cutting and grinding machines.
- Efficient use of multi-meter, oscilloscope and hand tools.
- Professional appearance and behavior, both amongst customers and co-workers
- Effective oral and written communication and reporting using MS Office software.
- Proficiency in making own travel arrangements.
- Customer service experience and professional attitude.
- Ability to operate overhead cranes and fork trucks
- Good understanding of quality control principles
- Excellent hand-eye coordination and physical condition
- Competent in the use of personal computers and communications software.
- Proficient in Microsoft Office.
- No criminal felony records
- No drug usage of any kind except legal prescriptions (not including medical marijuana)
- Must possess and maintain a valid driver's license and have reliable transportation to and from work.
- Ability to read, write and speak in the English language and perform basic mathematical computations.

SKILLS

- Ability to maintain confidential information.
- Ability to thrive in a critical thinking environment.
- Demonstrated problem solving techniques.
- Ability to work independently.
- Ability to multi-task.
- Excellent written and verbal communications skills.
- High desire to succeed and excel in a technically challenging career.

ADDITIONAL NOTES

Ability to work weekend and holidays as required.
 Subject to pre-hire physical and pre-hire drug screening.
 Post-hire random drug testing program.
 Must supply own tools

EEO Statement: Machine Tool Builders is an equal opportunity employer that evaluates qualified applicants without regard to race, color, national origin, religion, sex, age, marital status, disability, veteran status, sexual orientation, gender identity or expression, or other characteristics protected by law.

Individuals who need a reasonable accommodation because of a disability for any part of the employment process will have the opportunity to request accommodation during the application process.

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