

Mechatronics Technician / Fitter

We are seeking a skilled and detail-oriented Mechatronics Technician / Fitter to join our team. This role combines expertise in mechanical, electrical, and control systems to ensure the seamless operation and maintenance of machinery and equipment. The ideal candidate will possess a strong understanding of mechatronics principles and be able to diagnose, repair, and improve complex mechanical and electronic systems in a fast-paced environment.

Key Responsibilities:

- Install, maintain, and repair mechatronic systems including automated machinery, robots, conveyors, and other industrial equipment.
- Troubleshoot and diagnose faults in mechanical, electrical, and electronic components of machines.
- Perform preventative maintenance to ensure all systems are operational and running at peak efficiency.
- Read and interpret technical drawings, wiring diagrams, and schematics to guide installation and repairs.
- Assist in the assembly and fitting of components and systems for new projects or machine upgrades.
- Work with sensors, actuators, controllers, and PLC systems to enhance system performance.
- Perform calibration and testing on equipment to ensure it meets operational standards.
- Collaborate with engineering and operations teams to troubleshoot issues and implement effective solutions.
- Ensure all maintenance and repair work is documented accurately for future reference and regulatory compliance.
- Ensure adherence to safety protocols and industry standards during all work processes.
- Continuously improve system functionality by suggesting and implementing upgrades or modifications.

Required Skills and Qualifications:

- Strong hands-on experience with mechanical systems, electrical circuits, and automated machinery.
- Proficiency in using diagnostic tools, measuring instruments, and CAD software.
- Knowledge of PLC systems, robotics, sensors, actuators, and control systems.
- Excellent problem-solving skills and the ability to work under pressure.
- Ability to work independently and as part of a team.
- Strong attention to detail and commitment to safety practices.

Preferred Skills:

- Experience with Fiber laser / robot machines or other precision equipment.
- Familiarity with industry-specific software or automation systems (e.g., Mazak, Fasani /Yaskawa, Land-tec etc.).
- Welding or fabrication experience.

- The applicant may already be qualified diploma or degree level in Mechatronics Engineering, Electrical Engineering, Mechanical Engineering, or a related field.

Working Conditions:

- The role may require working in a manufacturing or workshop environment.
- Occasional overtime and shift work may be required based on project timelines.
- Physical tasks, including lifting and handling machinery or parts, may be part of the job.

Benefits:

- Competitive salary based on experience.
- Health and safety training.
- Opportunities for career advancement and professional development.
- [Other benefits offered by the company, such as health insurance, retirement plans, etc.]

How to Apply:

Interested candidates should submit their resume and a cover letter, CV detailing their qualifications and experience and via email to apprenticeships@mazak.co.uk

Max Jones, Karen Buckley & Andrew Growcott

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