

SHEET METAL, Robotic Technicians, Mechatronics / Technical Support (LEVEL 3 or 4)

(2 vacancies) (1 of each level)

Job Role

- 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.

Level 3

3 years

Level 4

3 years, includes an HNC

Entry Requirements

- 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.
- 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 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. Health and safety training, hands-on experience with mechanical systems, electrical circuits, and automated machinery.
- Proficient in using diagnostic tools, measuring instruments, and CAD software.
- Knowledge of PLC systems, robotics, sensors, actuators, and control systems.

Opportunities for career advancement and professional development. A degree or diploma in Mechatronics Engineering, Electrical Engineering, Mechanical Engineering.