

Maintenance Technician – Krystal Technology UK Ltd

Job Title: Multi-Skilled Maintenance Technician (Electrical Bias)

Reporting to: Maintenance Manager

Responsible for: N/A

Salary: £44,967

Working Pattern: This role is currently based on a rotating three-shift pattern. The successful candidate will be expected to demonstrate flexibility and adapt to alternative shift patterns where required to support changing business and operational needs.

Role Overview

Krystal Technology UK Ltd manufactures high-purity fused quartz and fused silica products for the semiconductor, photonics, industrial and scientific sectors.

As a Multi-Skilled Maintenance Technician with an electrical bias, you will play a key role in maintaining the safe, reliable and efficient operation of production equipment and site infrastructure. Working within a high-risk manufacturing environment, you will undertake planned preventative and reactive maintenance, diagnose faults and support continuous improvement activities to maximise equipment reliability and minimise downtime.

Whilst electrically biased, this role also requires a willingness to develop and maintain competence across mechanical systems, supporting the department's objective of building a highly skilled multi-disciplined engineering team.

Key Responsibilities

- Carry out planned preventative maintenance (PPM) activities in accordance with maintenance schedules, company procedures and statutory requirements.
- Respond promptly to equipment breakdowns, diagnose faults and restore plant and equipment safely and efficiently.
- Carry out electrical fault finding, testing, repair and maintenance on production equipment, control systems and site services.
- Support mechanical maintenance activities, equipment overhauls and planned shutdown work where required.
- Complete maintenance work to a high standard, ensuring equipment is returned to service safely and reliably.
- Accurately record maintenance activities, labour, parts used and equipment history using the company's Computerised Maintenance Management System (CMMS).
- Identify equipment defects and raise additional work requests where further repairs or improvements are required.
- Contribute to Root Cause Analysis investigations to identify recurring equipment failures and support the implementation of permanent corrective actions.

- Assist with continuous improvement initiatives that improve equipment reliability, maintenance efficiency and operational performance.
- Support the installation, commissioning, modification and improvement of plant, machinery and associated infrastructure.
- Participate in Factory Acceptance Testing (FAT), Site Acceptance Testing (SAT) and equipment handovers where required.
- Work collaboratively with Production, Quality, Engineering and other departments to minimise downtime and support business objectives.
- Maintain high standards of housekeeping and workplace organisation in line with company standards (5S).
- Ensure all work is completed in accordance with Health & Safety legislation, company procedures, risk assessments, permit-to-work systems and Lock Out Tag Out (LOTO) requirements.
- Support statutory inspections and compliance activities relating to plant and equipment.
- Assist in the development and support of apprentices and colleagues where appropriate.
- Undertake any other reasonable duties consistent with the level and responsibilities of the role.

Knowledge, Skills and Experience

- Recognised engineering apprenticeship in Electrical Engineering, Multi-Skilled Engineering or an equivalent engineering discipline or HNC/HND in an engineering discipline.
- Level 3 qualification in Electrical Engineering or equivalent.
- 18th Edition Wiring Regulations (BS 7671).
- City & Guilds 2391, 2394 or 2395 (Inspection and Testing).
- PLC training or fault-finding experience.
- Hydraulics and pneumatics training or experience.
- IOSH Working Safely or equivalent Health & Safety qualification.
- Lean Manufacturing, Continuous Improvement or Root Cause Analysis training.
- MEWP, FLT or First Aid qualifications.
- Strong fault-finding and diagnostic skills, with the ability to interpret electrical schematics, engineering drawings and technical documentation.
- Well organised, with the ability to prioritise workload, work independently using initiative and respond effectively to changing production demands.
- Strong communication and interpersonal skills, with the ability to build effective working relationships across departments and contribute positively as part of a team.
- Committed to maintaining high standards of safety, quality and workmanship, with excellent attention to detail and accurate record keeping.

- Proactive and solutions-focused, taking ownership of work, identifying opportunities for continuous improvement and contributing to equipment reliability.
- Flexible, professional and adaptable, with a positive attitude, high integrity and a willingness to learn, develop new skills and share knowledge with others.