**Vacancy for Electro/Mechanical Test Engineer**

**Who are we**

L.C. Switchgear is a specialized engineering company based in Hove, with over 30 years of expertise in designing, manufacturing, and maintaining critical electrical infrastructure.

As industry leaders in DC and AC Low Voltage Switchboards and Panels, we serve prestigious clients including Network Rail, London Underground, and numerous hospital trusts.

Our manufacturing facility in Hove produces high-quality AC and DC switchgear, with comprehensive in-house testing capabilities.

We pride ourselves on delivering bespoke solutions, particularly in challenging installations and environments where reliability is paramount.

**Manufacturing Excellence**

All assembly work is conducted at our specialist facilities in Hove, maintaining exceptional quality standards.

**Technical Expertise**

Our highly experienced design team follows rigorous stage-gated processes and Design for Reliability principles.

**Testing Capabilities**

We perform comprehensive in‑house testing ranging from individual components to complete panels, switchboards, and suites. Type Testing is achieved by accessing advanced external testing facilities in the UK and Europe.

**Market Leadership**

We are a key supplier of safety-critical equipment to major infrastructure projects, including hospitals, government buildings, and railway systems.

**The Role**

**Job Title**. Electro/Mechanical Test Engineer.

**Location**. L.C. Switchgear Limited, Hove, BN3 7ES.

**Salary**. Starting salary of £28k based on experience.

**Key Responsibilities**

* Execute testing ranging from individual components to complete panel suites.
* Perform comprehensive testing on all AC / DC switchgear products before dispatch for compliance, system flexibility, and reliability.
* Test emergency power-off systems and safety-critical components.
* Validate PLC-based control and monitoring systems.
* Conduct performance testing on bespoke enclosure solutions.
* Verify requirements with technical specifications and industry standards.
* Ensure proper cable entry configurations for top, bottom, and side installations.
* Develop Test Procedures for new equipment and modifications to existing equipment.
* Document test results and maintain detailed testing records.
* Create technical reports with clear recommendations for repairs.
* Conduct development and type testing for new equipment and modifications.
* Perform advanced testing using external facilities if required.
* Maintain documentation for the ISO 9001 Quality Management System.

**Maintenance Support**

* Assist in developing maintenance schedules and service packages.
* Participate in technical investigations and problem analysis.
* Provide support for the Installation teams.

**Qualifications**

* Level 2/3 in an electrical discipline is essential.

**Experience and Skills**

* Strong understanding of electrical schematics and technical documentation.
* Experience with three-phase electrical systems.
* Ability to perform mechanical and electrical operating tests on switchgear.
* Proficiency in power frequency testing and insulation resistance testing.
* Experience in both primary and secondary injection testing.
* Knowledge of BS EN IEC 61439 and / or BS EN 50123 Standards.
* Analytical mindset and strong problem-solving abilities.
* Ability to work independently and as part of a team.
* Ability to conduct thorough inspections and quality controls.
* Competence in fault finding and diagnostic testing.
* Understanding of safety procedures and industry regulations.
* PLC programming and control systems certification.
* Familiarity with Quality Management Systems (QMS).

**Benefits**

* Training.
* ECS Card.
* Pension.
* Private Healthcare.
* Holidays.
* Life Assurance.

**Why Apply**

This crucial position offers the opportunity to join a company committed to maintaining our reputation for delivering whole-life, cost-effective solutions while maintaining high standards of quality and reliability that enable efficient and safe operations across various sectors, including railways, hospitals, and government facilities in the electrical engineering sector both in the UK and worldwide.