

Job Title	Technical Lead
Business Location	Knutsford, Cheshire, UK
Working Location	Office Based with travel up to 25%
Reports to	Operations Director
Responsible for	Test, Support and Applications
Hours and Salary	Days: Mon – Fri Salary: £40,000- £55,000 dependent on skills and experience
Benefits	<ul style="list-style-type: none"> • Flexi time available and an early finish on a Friday • 25 days holiday • Birthday day off • 5% employee : 5% Company matched salary sacrifice pension- with NI contributions passed to employee – eligible after 3 months • Life Assurance – eligible from day 1 • Share Incentive Plan – eligible after successful completion of probation period • Medicash (Dental, vision, virtual GP and more) • Performance related bonus • Access to e-learning platforms • Drinks and healthy snacks provided • 2 Corporate Social Responsibility (CSR) days a year
Company Overview	<p>Moorfield Nanotechnology is a UK-based designer and manufacturer of thin-film deposition and etch systems used in academic and industrial R&D environments. We specialise in benchtop to mid-scale platforms that prioritise performance, usability, and long-term value for customers working in fast-moving research and scale-up settings.</p> <p>Our customers rely on Moorfield systems to produce repeatable, defensible results across applications such as semiconductor research, energy storage, photovoltaics, and advanced materials development. We support this with strong in-house engineering, applications expertise, and a practical, customer-focused mindset.</p> <p>As the business evolves, we are strengthening our product focus, operational discipline, and technical depth. We value people who take ownership, work well across teams, and bring a problem-solving approach to complex engineering challenges. Experience in scientific systems, vacuum technology, or high-precision equipment is beneficial, but attitude and capability matter most.</p>

Objectives of Job

The Technical Lead is accountable for the technical performance, testing, and application validation of Moorfield's product range with specific focus on the PVD and Etch platforms, supporting both day-to-day delivery and the longer-term development of system capability.

The role leads a multi-disciplinary technical team responsible for factory testing, technical support, and application work. While testing remains a core activity, a growing proportion of routine system testing is executed by Production through improved documentation and processes. The Technical Lead retains ownership of test standards, complex testing activity, and final technical assurance, with the team continuing to directly perform approximately one-third of overall system testing.

Alongside operational responsibilities, the Technical Lead plays a key role in strengthening Moorfield's R&D and application capability. Working as a peer to the R&D Design Lead, the role contributes scientific insight, experimental direction, and application understanding to inform product development and future platform improvements.

The team is also responsible for generating clear application evidence and validation data that underpins Moorfield's product claims, supports sales and marketing activity, and reduces technical risk for customers. Through this balance of testing, support, and applied R&D, the Technical Lead helps ensure Moorfield systems are reliable today and more capable tomorrow.

Team Leadership & Development

- *Lead, develop, and support the Test, Support, and Applications team.*
- *Ensure all work is carried out safely and in accordance with company procedures and regulatory requirements.*
- *Plan workloads effectively to meet output deadlines.*
- *Promote a positive, problem-solving culture within the team.*

Customer & Stakeholder Engagement

- *Maintain strong customer relationships to support high-quality engineering solutions.*
- *Prepare and deliver technical documentation and presentations for internal and external audiences.*
- *Collaborate with internal specialists to gather documentation required for product release and certification.*

Product Development & Continuous Improvement

- *Contribute to product research and development, providing technical input to Engineering and Sales teams.*
- *Identify opportunities to improve equipment, processes, and workflows, implementing effective solutions.*
- *Conduct validation testing of new products in line with project requirements.*
- *Support project and marketing activities to ensure market readiness of new products.*
- *Achieve a high level of product knowledge, including Moorfield and competitor products as appropriate.*
- *Maintain up-to-date knowledge of relevant safety, quality, and regulatory standards.*

Testing & Technical Support

- *Perform testing on high-value scientific research systems, ensuring quality control across all test activities.*
- *Diagnose and resolve complex technical issues using technical drawings, schematics, and diagnostic tools.*
- *Manage and progress fault reports from customer sites.*
- *Maintain demonstration, test systems, and associated equipment.*
- *Provide accurate data to support confidence in the quality of the product portfolio.*

- *Conduct engineering test investigations through research, experimentation, and data analysis.*

Although based on site at Moorfield Nanotechnology this role will include travel both domestic and overseas: Valid driving licence and passport required.

Performing testing and attendance at trade shows means that ability to sit/stand for long periods is required.

Assisting with packing/unpacking products will require bending, lifting, and carrying heavy equipment.

The above is not an exhaustive list of duties, and you will be expected to perform different tasks as necessitated by your changing role within the organisation and the overall business strategy.

Key Skills & Accountabilities

Qualifications and Education Requirements

Minimum Bachelors degree in Science, Engineering, or related discipline.

Required Experience and Skills

The successful candidate must have:

- **Discipline & Consistency:**
A structured and methodical approach to work, with the discipline to define, follow, and continuously improve technical processes, documentation, and standards—particularly in testing, validation, and technical support activities.
- **Focus & Prioritisation:**
Strong ability to maintain focus on critical technical priorities while managing competing demands, ensuring effort is directed where it delivers the greatest business and customer value.
- Experience in managing small teams in a growing business.
- Effective communication skillsets including ability to write clear and concise documentation, presenting to wider audience.
- Proficiency in Microsoft Office Suite.
- Ability to manage changing demands on time and prioritise work while balancing business needs.
- Strong interpersonal skills with the ability to challenge constructively while maintaining positive relationships.
- Proven ability to diagnose and resolve complex technical issues. Positive problem-solving mentality with willingness to challenge wider team to find appropriate solutions.
- Technical Proficiency: Familiarity with technical drawings, schematics, and diagnostic equipment.

Preferred Experience and Skills

- Minimum 5 years' relevant industrial experience.
- PVD / CVD technology.
- Vacuum systems.
- Electronics, PLC and software understanding.

Key Performance Indicators

Personal OKRs will be set annually in alignment with company strategy

Performance Measurement for the role

- Successful development and commercialisation of new products, delivered on-time, within cost estimate and to agreed specifications.
- Clear, concise, and accurate reporting of results. Meaningful input into future products and ongoing product improvements.
- Ability to meet customer expectations, including but not limited to, on time delivery and uphold Moorfields established reputation for excellence.
- Accurate and up to date administrative records.
- Effective strategic development of the Test, Support and Applications team.

Core Values

Drive to Improve

We recognise that continuous improvement of self, team and company makes a difference to all of us and to our customers.

Can do Attitude

Positive mindset, there is no issue that we can't resolve. We go the extra mile for our colleagues and our customers.

Collaboration

We value the benefits that true collaboration brings to the organisation. We work together to support our customers and each other.

Commitment

We are committed to delivering ambitious plans.

Core Focus

Purpose/Cause/Passion

To advance ground-breaking scientific research that has the potential to make a difference to peoples lives. We do this by building and developing the full potential of talented people within our organisation.

Niche

We design and deliver best in class scientific thin film systems that are helping researchers to lead the way in providing cutting edge advancements.

To apply for this role or if you have any questions, please email HR@moorfield.co.uk