

Job Title	Test & Installation Engineer
Business Location	Knutsford, Cheshire, UK
Working Location	Office Based with travel up to 25%
Reports to	Production Manager
Responsible for	Testing, Installing, Commissioning and Service Work
Hours and Salary	Days: Mon – Fri, early finish Friday This role will involve national and international travel to customer locations Salary: £35,000-£40,000 dependent on skills and experience
Benefits	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 Bupa (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	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. 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. 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.

Additional notes	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 the ability to sit/stand for long periods is required. Assisting with packing/unpacking products will require bending, lifting, and carrying heavy equipment.
Objectives of Job	<i>The Test & Installation Engineer is accountable for validating the technical performance by testing, installation, commissioning and servicing of Moorfield's product range (PVD, CVD and Etch platforms). Supporting both day-to-day delivery and the longer-term maintenance of systems. The role is part of a team responsible for factory testing and system installation/servicing.</i> Safety and Workload • <i>Ensure all work is carried out safely and in accordance with company procedures and regulatory requirements.</i> • <i>Plan own workloads effectively to meet output deadlines.</i> • <i>Be a key part of a positive, problem-solving team.</i> Customer & Stakeholder Engagement • <i>Maintain strong customer relationships.</i> • <i>Prepare technical documentation.</i> • <i>Collaborate with internal specialists to gather documentation required for product shipment and commissioning.</i> Product Development & Continuous Improvement • <i>Identify opportunities to improve equipment, processes, and workflows.</i> • <i>Conduct validation testing of new products in line with project requirements.</i> • <i>Support activities to ensure market readiness of new products.</i> • <i>Achieve a level of product knowledge, including Moorfield and competitor products as appropriate.</i> Testing & Technical Support • <i>Perform testing on high-value scientific research systems and sub-assemblies, ensuring quality control across all activities.</i> • <i>Diagnose and resolve complex technical issues using technical drawings, schematics, and diagnostic tools.</i> • <i>Manage and progress fault reports from customer sites.</i> • <i>Maintain test tooling / equipment.</i> • <i>Organise and maintain test data and procedures.</i> • <i>Perform installation/commissioning/customer training in the field and remotely support other Engineers and Customers.</i> 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 Bachelors degree in Science, Engineering, or related discipline desired but not essential. Relevant work experience will be considered. Required Experience and Skills The successful candidate must have: • Willingness to travel worldwide • Discipline & Consistency: A structured and methodical approach to work, with the discipline to follow, and continuously improve technical processes, documentation, and standards—particularly in testing and validation 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. • 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. • Ability to work to deadlines in a positive, flexible and pro-active way, placing a high priority on understanding and delivering on client 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 • <i>Minimum 2 years relevant industrial experience.</i> • <i>PVD / CVD technology.</i> • <i>Knowledge of Vacuum systems.</i> • <i>Electronics, PLC and software understanding.</i> • <i>Experience of working as an Installation/Service Engineer.</i> • <i>Experience of working with scientific equipment.</i>
Key Performance Indicators	Personal OKRs will be set annually in alignment with company strategy Performance Measurement for the role • Successful testing and installation of systems to agreed specifications. • 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.

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.