

Academically Advanced Socially Progressive

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Quality Engineer

Centre	National Manufacturing Institute Scotland (NMIS) (www.nmis.scot/)		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Administrative and Professional	Reference No	788339
Reports To	Head of Quality and Compliance	Grade	7
Salary Range	£37694 - £46049	Contract Type	Open Contract
FTE	1 (35 hours/week)	Closing Date	N/A
Working Arrangements	Hybrid. The standard requirement across the University is that at least three days per week (based on 1FTE) will be spent working on-site (with flexibility as appropriate).		
Work Location	Based at NMIS Netherton Site (3 Netherton Sq., Renfrew, PA3 2EF) with travel to other NMIS sites as required.		



Job Advert

Who we are

The University of Strathclyde is a leading international technological institution and has a long history of working with industry to deliver strong business growth from access to research and innovation expertise. The latest major initiative continuing to deliver on this track record is the National Manufacturing Institute Scotland (NMIS).

As a magnet for innovation in advanced manufacturing, the National Manufacturing Institute Scotland (NMIS) group of specialist centres, supports manufacturing, engineering and associated tech businesses of all sizes, to thrive domestically and internationally through accelerating productivity, embracing new digital technologies and achieving net-zero targets. We turn smart ideas into reality and deliver ground-breaking research.

Coming from diverse backgrounds and disciplines, our passionate team works alongside industry, academia, and the public sector to solve problems, train the workforce of the future and generate the creative ideas that will transform manufacturing. Ultimately, we are growing the economy, developing a vibrant and skilled talent pool and helping create prosperous, sustainable communities.

The NMIS group is located over multiple sites, primarily in Scotland, currently with one satellite site based in Sheffield.

For more information, visit the National Manufacturing Institute Scotland (NMIS) Website: <https://www.nmis.scot/work-with-us/careers/>.

The Opportunity

NMIS is seeking to appoint a Quality Engineer to join the Quality and Compliance Team. This role will work closely with technical and operational teams to identify and address quality concerns.

The successful candidate will be responsible for maintaining and developing the NMIS Quality Management System, delivering the NMIS internal audit schedule, preparing for and representing NMIS at external audits, managing non-conformances and leading continuous improvement projects.

Due to the nature of the work the candidate will be involved in, security vetting may be required and as such, it is essential that the candidate is able to gain UK security clearance at the level deemed appropriate by the organisation (this could be DV, SC or BPSS clearance).

Job Description

Brief Outline of Job:

The NMIS Quality Engineer will be responsible for various aspects of maintaining and improving on the existing management systems within the centre. They will be expected to engage with a wide variety of stakeholders across the organisation to deliver successful outcomes. They will act as a point of contact for one or more of our existing specialist centres, acting as a quality ambassador, ensuring a strong culture of quality throughout NMIS.

Main Activities/Responsibilities:

1. Develop, maintain and support the NMIS Quality Management System through delivering the NMIS internal audit programme, managing non-conformances, developing and revising NMIS Quality Procedures and managing continuous improvement projects.
2. Work with and embed within technical teams across NMIS to disseminate quality and compliance updates, provide quality and compliance advice, develop an NMIS quality culture and identify new management system requirements or opportunities for improvement.
3. Maintain an excellent up to date knowledge of the NMIS Quality Processes to provide guidance to senior management, technical and operational teams and other relevant stakeholders.

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4. Proactively improve the quality management system and quality performance by identifying areas of the business where processes need to be improved, then define and implement the required change. This could involve working with a variety of stakeholders to design complex processes or improving existing arrangements to ensure the needs of the organisation continue to be met.
 5. Own non-conformances, ensuring appropriate and timely identification and implementation of containment and corrective actions, by carrying out root cause analysis sessions using relevant quality tools.
 6. Prepare quality management system performance reports by collecting, analysing and evaluating data.
 7. Maintain and improve the quality management system by independently conducting project, process, system and laboratory audits.
 8. Represent NMIS at external compliance audits including ISO9001 Quality Management Systems and ISO17025 Laboratory Management Systems.
 9. Lead the development and implementation of accreditation scope extensions and new certifications.
 10. Develop and deliver training to NMIS staff on quality and compliance topics.
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11. The post-holder may also undertake other duties in relation to compliance within other areas, such as GDPR, copyright, intellectual property, export control, environmental legislation, information security and defence working practices.
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Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

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- E1 Educated to a degree level in a relevant subject or equivalent relevant experience.
 - E2 Internal auditor training (ISO9001, AS9100, ISO17025 or other management system).
 - D1 Quality Management degree or certification.
 - D2 Six Sigma Green Belt certification.
 - D3 Member of a relevant professional body (CQI, IMechE, etc.)
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Experience

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- E3 Experience and sound understanding of quality management systems (development, implementation, auditing etc.).
 - E4 Experience in root cause analysis and problem-solving techniques.
 - E5 Experience in process development, improvement and new process implementation.
 - E6 Experience in data analysis.
 - D4 Experience using Q-Pulse, PowerBI, SharePoint, Power Automate, Microsoft Dynamics, Adobe InDesign, Microsoft Office or other similar software.
 - D5 Experience working in quality, manufacturing, R&D, design or technology within an industrial or business environment.
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Job Related Skills and Achievements

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- E7 Ability to act as an interface between customer and technical teams.
 - E8 Ability to interpret organisational changes and growth and embed into the quality management system.
 - E9 Ability to facilitate discussions across teams and departments.
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E10 Ability to deliver quality management projects to a deadline and budget.

E11 Ability to demonstrate a proactive attitude towards internal issues and customer feedback.

Personal Attributes

E12 Ability to demonstrate, support, uphold and model the University values.

E13 Highly motivated and enthusiastic.

E14 A team player with the ability to take the initiative and influence others.

E15 Excellent interpersonal, conflict management and persuasion skills.

Other Relevant Factors

D6 Knowledge of Intellectual Property Management

D7 Knowledge of Copyright and GDPR legislation

D8 Knowledge of other management system standards such as ISO 14001 and ISO 27001

D9 Awareness of export control and government security classification working practices

E16 Ability to obtain UK security clearance (BPSS, SC or DV, depending on project requirements).

Application Procedure

Applicants should visit Strathclyde's vacancies portal and complete an online application form including the name of three referees who will be contacted without further permission, unless you indicate you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

University of Strathclyde encourages the recruitment of disabled and neurodivergent candidates. If you need any reasonable adjustments during the recruitment process, please let us know. You are welcome to submit a paper application or a CV instead of the online application form by contacting us at humanresources@strath.ac.uk.

Interviews

Formal interviews for this post will be held on a date to be confirmed.

The University is a Disability Confident Employer and operates a guaranteed interview scheme for disabled candidates who meet all the essential criteria for the post that they are applying for.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Jim Hannigan, Chief Operating Officer, james.hannigan@strath.ac.uk

Conditions of Employment

Conditions of employment relating to the Administrative and Professional staff category can be found at: [Conditions of Employment](#).

Rewards and Benefits

Our comprehensive benefits package, including generous annual leave, family-friendly benefits, flexible work options, and a commitment to continuous learning, reflects our appreciation for the valuable contributions of our colleagues.

We understand that each staff member has unique priorities and lifestyles, so our diverse benefits ensure there is something for everyone, details of which can be found on our [Rewards and Benefits webpage](#).

- **Financial Rewards:** We provide attractive financial packages, including competitive salaries, relocation support for employees and a generous pension scheme, with university contributions of 14.5% for USS and 6.5% for LGPS.
- **Work-Life Balance:** We are dedicated to enhancing healthy work-life balance for our employees. We offer generous annual leave, an additional annual leave purchase option, flexible and agile work arrangements.
 - Annual Leave: Generous entitlement of 27 days (Grade 5 and below) or 31 days (Grade 6 and above), in addition to 11 public holidays and University closure days.
 - Additional annual leave purchase: Option to request purchase of 2 weeks' additional annual leave per year.
 - Flexible and agile working: The University provides flexible work arrangements. You can request arrangements that fit you and your role, such as hybrid, part-time, compressed hours, term-time, adjusted shifts, staggered hours. These requests can be made from the first day of your employment.
- **Family Friendly Benefits:** We offer a variety of enhanced family-friendly benefits to support our employees in balancing work and family responsibilities. These include Maternity Leave, Paternity/Maternity Support, Adoption Leave, Shared Parental Leave, Parental Leave, Carers Leave and support, Family Friendly Research & Scholarship Leave, and access to our on-campus nursery.
- **Career Development:** Our commitment to personal development is reflected in initiatives such as professional courses, subsidised educational programs, coaching and mentoring, leadership development, secondment opportunities, and access to our library.
- **Health & Wellbeing:** We place high importance on the safety, wellbeing, and health of all our staff and offer discounted Strathclyde Sport membership, an Employee Assistance Programme (EAP), Occupational Health Service, and Cycle to Work scheme.
- **Recognition Awards:** At Strathclyde, we place a strong emphasis on acknowledging and rewarding our staff's commitment and exceptional contributions. This is demonstrated through our Long-Service Awards and our Values-based Strathclyde Medals.

Probation

Where applicable, the successful applicant will be required to serve a 12 month probationary period.

Pension

The successful applicant will be eligible to join Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the [Relocation Policy](#).

Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our [equality, diversity and inclusion charters, initiatives, groups and networks](#).

The University currently holds an Athena Swan **Silver award**, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

In delivering **our People Strategy**, we will contribute, act, and make decisions guided by these values.

- **People-oriented:** committed to our staff and students, providing opportunities, and investing in their development.
- **Bold:** confident and challenging in what we do, and supportive of embracing appropriate and managed risk in our decision-making.
- **Innovative:** focused on discovering and applying knowledge with impact and encouraging creative thinking and new ideas.
- **Collaborative:** working together, with our colleagues and external partners, with integrity and in an open, respectful way.
- **Ambitious:** for our institution, staff and students as well as supporting the ambitions of our partners.



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