

JOB VACANCY: GRADUATE ENGINEER

We have an exciting job opportunity for a graduate engineer. The role will be split into several rotations as part of our Engineering Development Program. Rotations will typically be for 12 months and will either be as an 'Operations Engineer' with a focus on process optimisation and continuous improvement projects or within the groups central 'Projects and Engineering' team as a project engineer helping develop and deliver the groups portfolio of engineering projects.

LOCATION: Manchester- based, with travel to all other sites within the Group as required.

WORKING HOURS: 37.5 hours per week

CONTRACT TYPE: Permanent

RESPONSIBILITIES:

Safety and compliance.

- Putting safety at the forefront of everything we do and ensuring that relevant safety standards and protocols are adhered to at all times.
- Work in collaboration with the compliance team to ensure that all legal, safety, and environmental regulations are adhered to when delivering engineering projects.

Process development and optimisation.

- Identification and appraisal of new technologies and systems to solve complex separation problems, including planning and execution of equipment trials, analysis of results and preparation of summary reports.
- Optimisation of both new and existing processing assets, with a particular focus on improving plant availability, maximising product recovery rates and yields, improving product quality and reducing operating costs.

Project Planning.

- Assist in developing detailed project delivery and execution plans, schedules and budgets.
- Contributing to feasibility studies, business case appraisals and project gate reviews.

Project delivery.

- Helping implement pre-agreed project delivery plans.
- Collaborating with the site operations and maintenance teams to co-ordinate installation works to minimise downtime and disruption.
- Assisting with contractor management and supervision, including compliance with the groups safe systems of work and contractor management systems.
- Monitoring and reporting of budget, cost, schedule and projects risks throughout the project duration.

Commissioning and handover.

- Devising and implementing commissioning plans for newly installed or modified equipment, working in collaboration with site operations and maintenance teams to ensure a smooth and robust handover.

Risk management.

- Proactively identifying and mitigating project risks, ensuring risk registers are reviewed and updated accordingly.

Change management.

- Utilisation of change management systems across operational sites and within a project environment to ensure effective management of change.

Continuous improvement initiatives.

- Working with the Operations and Engineering teams to recognise new opportunities, implementing new initiative and helping sustain improvement new initiatives.

Development of new systems and procedures.

- Working with other engineers and senior management to develop and roll-out of new operational and project related procedures and systems, for example production logging systems, quality management systems or new project management systems and tools.

GENERAL DUTIES:

- Support engineers and senior engineers in daily project management activities.
- Attend projects/operations meetings and provide updates on assigned projects and tasks.
- Document control activities to ensure accurate record keeping.
- Collaborate with cross-functional teams to achieve project objectives.
- Travel to other sites and to equipment trials (within the UK and abroad), may be required from time to time.

PERSON SPECIFICATION:

Education and Qualifications:

- Bachelors or Masters degree in Chemical or Mechanical Engineering. Lower second class degree or above.

Teamwork

- You must demonstrate excellent interpersonal skills to be able to interact with individuals at all levels, both internally and externally. A strong team player with the ability to enable a strong health and safety culture in the workplace.

Communication skills

- You will have the ability to challenge others in a constructive manner and negotiate with peers to influence decisions or ways of working.

Honest & Trustworthy

- Strong sense of ethical and professional behaviour.

Initiative

- You must be a pro-active individual who is eager to take initiative, tackle challenges and work within a team.

ESSENTIAL SKILLS:

- Basic understanding of engineering principles and manufacturing processes.
- Strong analytical and problem-solving skills.
- Excellent communication and interpersonal skills.
- Ability to work collaboratively in a team environment.
- Attention to detail and a commitment to quality.
- Experience in conducting technical analyses and feasibility studies.

DESIRABLE SKILLS:

- Knowledge of lean manufacturing principles and practices.
- Understanding of industry standards and regulatory requirements.
- Familiarity with quality assurance and control processes.
- Proficient user of CAD software, project management software and MS365 suite of products including MS Excel and Power BI.

Note: Job descriptions are generic by nature and describe the requirements of the job and the competencies judged to be required to fulfil the post. This job description and person specification is therefore not exhaustive and will be subject to periodic review. It may be amended to meet the changing needs of the business and the post-holder will be expected to participate in any review process. We would aim to reach agreement should changes be required.

APPLICATIONS:

To apply, please complete the form on Total Jobs here: <https://www.totaljobs.com/job/103157783>

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NO AGENCIES PLEASE.