

Graduate Mechanical Engineer

Department: Engineering

Employment Type: Full-time, Permanent

The story so far

Briar Chemicals has in excess of 65 years of chemical manufacturing heritage and an established reputation for excellence, through continuous improvement, dependability, social & environmental responsibility.

Key highlights of the Briar business

- Technical leader in the development and contract manufacturing of some of the world's most complex chemistry in the agrochemical, fine and specialty chemical sectors
- Established site in excess of 100 acres in Norwich, Norfolk – the heart of East Anglia
- Dedicated site for product formulation and packaging
- Experienced global exporter

Our vision is to cultivate innovative and sustainable solutions through partnerships: meeting the changing needs of a diverse planet.

People and culture

We have around 250 permanent employees and we invest in our people as believe that they are our greatest asset. We'll give you freedom to bring your whole self to work and we welcome people who mirror our values. Join a team where our core values of **Safety, Integrity, Teamwork** and **Engagement** define who we are, how we work, and what we aspire to be as an organisation.

The role

An exciting opportunity has arisen for a motivated and ambitious **Graduate Mechanical Engineer** to join our Engineering team at an Upper Tier COMAH manufacturing site operating 24 hours a day, 365 days a year.

This role is designed to develop a future key contributor in the areas of Mechanical Integrity, Regulatory Compliance, Asset Reliability and Continuous Improvement. The successful candidate will gain exposure to the management of fixed and rotating equipment across a complex process manufacturing environment, supporting the safe, reliable and efficient operation of critical plant assets.

Initially providing support across a wide range of engineering activities, you will progressively assume ownership of key responsibilities as your technical knowledge and experience develop.



What you'll be doing

As a Graduate Mechanical Engineer, you will support site engineering activities that contribute to key operational drivers, including:

Compliance and Mechanical Integrity

- Support compliance with Pressure Systems Safety Regulations (PSSR), Pressure Equipment Directive (PED), Approved Codes of Practice (ACOP) and Design Standards, for primary containment.
- Assist in maintaining the integrity of pressure systems and primary containment systems in accordance with the site's COMAH obligations.
- Support activities aimed at the prevention of loss of containment incidents.

Reliability and Asset Performance

- Assist with analysis of all planned inspections, using inspection data to generate reliability and other improvement opportunities.
- Assist in ensuring that systems operate between inspection intervals and that deterioration is accurately anticipated to minimise down time.
- Responsible for reliability improvement and ensuring that plant reliability activities are co-ordinated and delivered across all operating areas on site, with a consistent approach.
- Participate in root cause investigations of equipment failures and support the implementation of corrective actions.

Engineering Support

- Provide technical engineering support to identify and solve process, mechanical, operating and maintenance problems.
- Support project-related mechanical engineering activities within assigned areas.
- Engage with suppliers, contractors and specialist service providers as required.
- Assist with planning, development, and coordination of special maintenance work, such as preventative plant maintenance.
- Develop existing systems and procedures.

What you will bring

To be successful in this role, you will have:

Essential Requirements

- Degree in Mechanical Engineering or a related engineering discipline.
- Committed to working towards Chartered Engineer status.
- Strong understanding of mechanical engineering principles.
- Good problem-solving and analytical skills.
- Effective communication, attention to detail, and organisational skills.
- Ability to work independently and as part of a team.
- Proficiency in Microsoft Office applications.
- A proactive attitude and willingness to learn.

Desirable Requirements

- Associate Membership IMechE.
- Relevant industrial placement, internship, or project experience.
- An understanding of Continuous Improvement.
- Understanding of health and safety requirements within an engineering environment.
- Knowledge of SAP or other Computerised Maintenance Management System

How you will be rewarded

Throughout our structured two- year graduate programme, you will have access to mentoring and support from experienced engineers to support your progress to Professional Mechanical Engineer status.

We offer a competitive salary and benefits package, which includes:

- Private healthcare scheme
- Group personal pension scheme where we will match your contributions plus 2%, up to a maximum of 10%
- Flexitime
- 33 days annual leave including bank holidays
- Annual bonus (dependent on Company performance)
- Employee Assistance Programme
- Salary sacrifice schemes including gym membership, Electric Vehicle, and Cycle to Work.

How to apply

If this exciting opportunity resonates with you, please apply with a covering letter and CV to hr.office@briarchemicals.com.

Briar Chemicals Ltd is an equal opportunities employer and welcome applications from all suitably qualified persons regardless of gender, gender reassignment, marital status, pregnancy and maternity, race, religion, belief, ethnic origin, colour, nationality, national origin, disability, sexual orientation, age, having 'spent convictions', physical characteristics or appearance.