

ADVERT

Process Engineer

£35,000 - £40,000 per annum

Knutsford, Cheshire or Lancaster

If you have a passion to be involved in the development of disruptive technologies that seek to address global challenges, then there has never been a better time to join Stopford.

Stopford excels in process technology innovation, bringing world class science and technology together, to serve the requirements of the low-carbon and circular economy sectors. We are now looking to expand our team to support the development and scale-up of our inhouse technology portfolio, which includes:

Plasmergy – Energy from Waste

Nutraxy – Sustainable Fertilisers

Circuplast – Waste Plastics Recycling

We would encourage you to visit our website to learn more about these innovative technologies.

Stopford has a truly exciting opportunity for a Process Engineer to join the team on a full-time permanent basis to play a critical role in the technical development of these disruptive process technologies as we expand our operations in the UK and internationally.

The Position

As a Process Engineer you will work across Stopford's technology portfolio, supporting process development, process design, modelling, scale-up and demonstration. As a key member of the team, you will also work with colleagues to support the generation of key performance data to underpin the commercial ambitions of the technologies.

The Company

Stopford is an international energy and environmental engineering company, our professional services span Consultancy, Technology & Innovation and Project Delivery. We are an industry leader with a portfolio spanning research and development through to design and commissioning of process, power, and renewables technology. With a worldwide clientele in emerging and existing industries, we provide a full range of project management and engineering services.

Your time will primarily be based at either our office in Knutsford or our office at Lancaster with occasional visits to Client sites (depending on the preference of the successful candidate).

Employment at Stopford brings many benefits including:

- Competitive salary
- Pension
- 25 days holiday plus bank holidays
- Private medical insurance
- Employee assistance programme
- Free on-site parking
- Reimbursement of professional membership fees

In order to be successful in this position you must be familiar with high temperature and high pressure systems, alongside working within a dynamic and fast paced innovation environment. You must have an engineering degree (chemical or general) and be able to demonstrate experience of working with an engineering team.

A full UK driving licence is essential for this position.

Please go to our website for a full job description to familiarise yourself with all of the responsibilities, skills and experience required before you apply for the position.

We look forward to receiving your CV for the role of Process Engineer.

Please note that we do not accept applications from agencies, and you must be eligible to live and work in the UK.

Closing date: 2 March 2022

Stopford reserves the right to bring forward the closing date if we receive a suitable number of quality applications from which to make a shortlist. Therefore, we would recommend that you apply as soon as possible.

Please note that due to the volume of applications we receive we are unfortunately not able to respond to each applicant. If you have not been called for interview within 3 weeks of the closing date, you should assume that on this occasion your application has been unsuccessful.

Job Description

Position: Process Engineer
Group: Technology & Innovation
Location: Knutsford, Cheshire or Lancaster

Mission

Our ambition to lead the way in engineering a sustainable world through the transition to a low carbon economy.

Values

We value professionalism, equality, fairness, co-operation, and unrivalled expertise.

Description

As a Process Engineer you will be responsible for supporting the technical development and demonstration of Stopford's Plasmergy, CircuPlast and Nutragy technologies.

Key Accountabilities/Responsibilities

- Lead technology development through delivery of:
 - Process flow diagrams
 - Piping & Instrumentation Diagrams
 - Heat and mass balances
 - Process modelling and simulation (e.g. Aspen)
- Development of process specifications for main equipment items (e.g. pumps, tanks, reactors, columns, instrumentation, heat exchangers and line sizing)
- Hands-on engineering, technology trials within a research environment
- Reporting of key process performance data pertinent to optimisation and commercialisation
- Identify and support mitigation of technical risks in the scaled-up processes
- Ensure that all activities are carried out in a safe and compliant manner
- Support company-wide activities.

Minimum Requirements – Education and Experience

- A relevant engineering degree (e.g. Chemical or General) or be able to demonstrate experience of working with an engineering team
- Experience of process development and scale-up
- Willingness to be hands-on with prototype development and support iterative design improvement
- Excellent communication skills with the ability to build and maintain strategic and collaborative working relationships across company service groups
- Uncompromising attitude to working safely
- Knowledge and experience of high temperature and high pressure systems is desirable
- Strong teamwork ethic
- Enjoy working in a fast-paced project environment
- Be able to demonstrate an ability to manage uncertainty and change

Eligibility

- Eligible to live and work in the UK
- Full UK driving licence.

Company Wide Aspects

- Adhere to Stopford's Business Management System.

Review

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 objectives of the organisation.