

## **Graduate/Junior Process Engineer**

**£30,000 – £35,000 per annum (dependent on experience)**

**Position will be based in either Lancaster or Knutsford to suit the preference of the successful candidate**

### **About Stopford**

We are a multi-disciplinary technology and engineering company who solve global sustainability problems. We work with clients and collaborators on everything from fuel switching to fertilisers, delivering tangible impact by tackling major environmental and social challenges. Our work ranges from cutting-edge in-house R&D to first-class professional services – spanning from front-end design to plant commissioning and compliance. We are a diverse group of engineers, technologists, and consultants, united by a shared desire to drive sustainability through innovation.

### **The Opportunity**

We have an exciting new project to establish novel hybrid microgrid systems in sub-Saharan Africa for the provision of clean, affordable, and secure energy. The systems will integrate solar technology and optimised anaerobic digestion to provide local communities with on-demand renewable electricity and gas. Locally available materials will be utilised to ensure the technology is operable and sustainable over the long-term. Importantly, through valorisation of agri/food wastes and the development of new enterprises/value chains, the project will address social and gender considerations alongside economic and environmental objectives. The project has an ambitious 2-year timeframe and will involve close collaboration with an international consortium of partner organisations in Africa and the UK.

To support delivery of this project and other Stopford technologies (see our website) we are looking for a talented Junior or Graduate Process Engineer to join our Technology and Innovation team on a full-time permanent basis. The appointee will work both independently and alongside our experienced engineers – benefitting from mentorship, training, and hands-on learning to become a well-rounded practitioner.

### **About you**

To be considered you will hold a good degree in Process/Chemical Engineering. Ideally, you will also be an affiliate member of IChemE, with a strong ambition to gain chartership.

You will have a genuine enthusiasm for sustainable engineering, demonstrated through university projects or relevant work experience, and a drive to attain environmental and social impact through your career.

Strong process engineering fundamentals, coupled with praxic skill and broader scientific and mathematical reasoning abilities, are essential.

Good team-working and communication skills – both verbal and written – are key, along with an eye for detail and an aptitude for problem solving.

Excellent organisational and computer skills are essential.

Process engineering design experience is desirable.

### **Role Summary**

Key responsibilities and activities include:

- Undertaking process calculations (Mass and Energy Balances)
- Completing key process engineering documents (Basis of Design)
- Preparing process design drawings (Process Flow and Piping & Instrumentation Diagrams)
- Front End Engineering Design (FEED) Studies
- CAPEX and OPEX Estimations
- Participating in HAZARD Studies
- Conducting regulatory reviews and technical evaluations
- Delivering technical studies and reports

### **Benefits**

- Competitive Salary, Bonus Scheme, and Pension
- Flexible and agile working arrangements
- 25 days holiday plus bank holidays
- Career Development Support, including professional memberships and training
- Private medical insurance
- Employee assistance program
- On-site parking

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.

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

We look forward to receiving your CV for the post of Graduate/Junior Process Engineer

**Closing date: 7 August 2022**

Stopford reserves the right to bring forward the closing date and we 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.