



JOB DESCRIPTION

COMPANY: BioFactory Ltd

LOCATION: Bath, UK

SECTORS: CleanTech & AgriTech

BioFactory is an engineering and design company focusing on waste-to-energy technology, tackling some of the world's toughest environmental problems by creating low-cost, commercially viable solutions through robust design and manufacturing excellence. The company specialises in the utilisation of Anaerobic Digestion (AD) on micro-scale applications. By reducing system costs, BioFactory increases the accessibility of the technology's benefits, such as decreased environmental impact and operational cost savings, to a wider customer-base.

BioFactory is looking to recruit a passionate and entrepreneurial process engineer, ideally with experience in AD systems design or operation to support its engineering team in the complete development of new products from concept design through prototype development and on to commercial manufacturing. BioFactory is expanding its inhouse skill-base and is recruiting likeminded individuals to support the rapid development of commercial systems.

JOB TITLE: AD DESIGN/PROCESS ENGINEER

RELATIONSHIPS: Internal: Reporting to CEO
External: Directors / Owners / Management
Customers and Suppliers

SCOPE & PURPOSE:

- Support the Engineering team in design and build of prototype systems
- Bring AD knowledge, experience & insight to engineering team and help develop junior engineers.
- Support Directors to build-out well rounded technical team.

RESPONSIBILITIES/TASKS:

Technical

- Coordinate and support the Engineering team through full design of innovative prototype micro-AD systems on rapid timescales - e.g. taking a simple core system design through to a deployed prototype in under a year.
- Collaborate with key suppliers in the manufacture of prototype and commercial systems.
- Work with the Company to identify further product development opportunities and deliver new and innovative R&D projects.
- Participate in HAZID, HAZOP and DSEAR efforts for new designs and changes to existing designs.
- Assist the Company in the development and implementation of Engineering best practices and procedures.

Managerial

- Support Directors to building the engineering team by identifying skill gaps and working with HR through candidate selection.
- Support Directors in introducing new company processes to improve efficiency and reduce risk in R&D.



- Future scope for line management and oversight of the Engineering Team (optional)

The Successful Applicant:

- Experienced engineer in design/manufacture of AD systems, requiring a well-rounded technical knowledge of the Anaerobic Digestion process.
- Commercial knowledge of the AD industry is desirable.
- Knowledge of safe design (within ATEX environment).
- Is able to work unsupervised and prioritise work to achieve project plan targets.
- Has an understanding of the challenges faced by an SME / start-up organisation, and the need for strong troubleshooting skills and decision making capabilities.
- Is comfortable prototyping with PLC systems or microcontroller systems (e.g. Arduino, Raspberry Pi, Adafruit). Experience in this is welcomed.
- Willing and able to travel within the UK and overseas as needed (occasionally for extended periods).
- Is comfortable working as part of a small, agile team.

Behavioural Capabilities:

- Has genuine passion for our products and company vision.
- Determined self-starter, who enjoys a challenge.
- Team player, sharing know-how to build on the strengths of others.
- Mucks in. Sometimes a job needs doing outside your immediate role.
- Good under pressure; well organised, meets deadlines; prioritises successfully
- Inspires innovation within the team (maybe over a good brew).

Permanent right to work in the UK.

Valid driver's license, safe driving record.

CONTACT INFORMATION:

For interested applicants, please send a covering letter and CV to info@biofactory.energy

Website: <https://biofactory.energy>