

Industrial and Production Engineer (IPE)



Company: Seastex Ltd

Location: East London

Salary: £35.000/PA - £40.000/PA

Position Type: Full-Time (40 hours / Week)

Company Size: 1-10 Employees

About Us:

Seastex Ltd is a sustainable textile start-up with a mission to transform aquaculture waste, specifically mussel beards, into innovative acoustic and insulation materials/products for the construction industry. Our innovative approach to repurposing waste materials not only benefits the environment but also provides sustainable solutions to the construction industry. We are on the cusp of a series A investment, and we are looking for an experienced industrial production or manufacturing engineer to upscale/commercialise a pilot production line in our facility in East London.

Position Overview:

Seastex seeks to hire an experienced industrial production engineer who is analytical, motivated, resourceful, and can manage multiple projects simultaneously. This exciting opportunity has opened for a bright and experienced engineer with experience in upscaling/commercialisation of prototypes developed by our CEO, with ideally extensive experience/knowledge on textiles, processing, and synthesis at batch and large-scale production. We are looking for someone who is diligent, deeply motivated, and dedicated, possessing a hands-on approach, much like our CEO, with whom they will collaborate closely. This is a full-time position, working a minimum of 40 hours per week, Monday to Friday. As an Industrial engineer, your duties and responsibilities will vary based on the Company's requirements but will include:

- Responsible for the technical management, maintenance, and development of new and existing production lines.
- Improving and upscaling the process of chemical and mechanical production.
- Designing new processes, and procedures and integrating compatible systems.
- Liaising with suppliers, research, and development contacts.
- Investigating production problems.
- Designing, purchasing, and installing equipment together with our CEO.
- Making improvements to operations to enhance efficiency.
- Planning and organising maintenance.
- Develop alongside the CEO compatible manufacturing processes, designs, and configurations for upscaling production and industrial manufacturing.
- Timely report/presentation preparation which provides progress on the product and also the ability to teamwork.

The Person:

- Bachelor/Master's degree in Electrical/Mechanical/Automation/Industrial Engineering, or a similar technical field.
- 5+ years of experience in engineering, ideally in mechanical production and industrial settings.
- Proven ability to scale process/equipment from lab to high volume.
- Experience in manufacturing engineering and production challenges.
- Knowledgeable in high and low-volume manufacturing.
- Experience in automation, mechanical design packages (e.g. Solidworks, Fusion 360, Rhino, or CAD or equivalent), and data collection (e.g. MES).
- Experience in laser cutting and bending technologies, CNC, and manual machining techniques with respect to tooling and fixture techniques.
- Experience/understanding of automatic machine control programs (PLC etc.)
- Ideally, you will have worked for a textile manufacturing or processing company or other related fields.
- Good written and verbal English communication skills.
- It would be advantageous to be proficient in spoken and written Spanish.

- Have a one-month notice period at your current employer.
- You need to possess the necessary legal authorisation to work in the United Kingdom, as we do not provide sponsorship for employment visas.

What we offer:

- Share options and annual bonus after being employed for two years, allowing you to share in the company's success.
- 25 days of paid annual leave plus the 8 normal bank holidays.
- Be part of a company committed to sustainable practices and environmental responsibility.
- Work with a small and dedicated team that values your contributions.
- Opportunity for career growth and development.
- Contribute to the growth of a dynamic and forward-thinking start-up company in the textile and construction industry.

Our Work Values:

- Accountability: We take ownership of our work.
- Drive for results: We are results-oriented.
- Humility: We are never arrogant.
- Go the extra mile: We go above and beyond what's expected.
- Collaboration above all: We are driven by the overall success of the team.

How to Apply:

If you are a hands-on, hard-working, and deeply motivated individual with a passion for sustainability and the skills to drive our start-up forward, we want to hear from you. Please submit your resume and a cover letter detailing your relevant experience and why you're excited about Seastex Ltd to humanresources@seastex.com. The email subject must state the job title and your full name.

Join us in transforming aquaculture waste into sustainable construction materials!