

JOB VACANCY

Lead Engineer Position [REF: LC_Lead_Eng_001]

Date: 15th November 2024

Company Profile

Lineat Composites is developing a novel composite material recycling technology to full industrial scale and with it solve key problems in the high-tech manufacturing industry related to cost, productivity, and sustainability of carbon fibre composites. We are a clean-tech start-up based in Chepstow aiming to turn carbon fibre into the green material of the future with our novel water-based fibre alignment technology, allowing the re-use of carbon fibre in technical products.

Job Overview

Lineat is now looking for a lead engineer with proven industry experience in special purpose machinery development. You will be responsible for delivering solutions from the concept phase to commissioning. You will be part of advancing our sustainable fibre processing technology from pilot to mass production, considering control, electrical, mechanical, pneumatic and hydraulic aspects. We offer a highly autonomous role requiring the use of practical hands-on engineering skills with fundamental knowledge to solve existing and new process equipment challenges. Internally, you will report directly to the COO and be responsible for the delivery of material production equipment and R&D test rigs. Externally, you are required to liaise with equipment vendors, set equipment specifications and research partners to identify and implement specific equipment for process improvements.

Principal Responsibilities and Duties

- Take ideas from concept phase to physical implementation, including mechanical and electrical CAD design, produce technical documentation, quotation management, inspection, assembly of received parts and commissioning.
- Selection and integration of various components, and lead equipment specification work internally and externally with suppliers.
- Create detailed equipment specification documents using appropriate technical language.
- Be able to allocate, track, and manage work package delivery within budget and agreed timescales.
- Continuously develop best practices and help implement solutions with the existing team to increase production rates, drive up efficiency, reduce manufacturing cost, increase product quality, and ensure equipment uptime.

Required Knowledge, Skills and Experience

- A relevant BSc/BEng degree or above in science or engineering.
- A minimum of 5-8 years' experience in designing and building special purpose machinery.
- Proven knowledge in special purpose machinery development, preferably with an understanding on implementation of industrial scale process solutions.
- Previous experience working with Mechanical & Electrical CAD packages and familiarity with PLC programming is essential
- Very strong written and verbal communication skills, must be a team player with strong interpersonal skills
- Exposure to an R&D environment, with experience of taking process ideas from concept to implementation.
- Have demonstrated history of flexibility, self-motivation, and willingness to learn.
- Familiarity with applicable engineering standards, SOPs, H&S regulations and the CE/UKCA marking process.

Lineat is looking for an experienced multi-skilled engineer that fits this key role to take its technology to the next level. A highly competitive package combined with excellent growth and development prospects is available for the right candidate.

To apply, please email your CV and single page cover letter to info@lineat.co.uk quoting reference [REF: LC_Lead_Eng_001] in the subject.