



Composite Solutions

HAYDALE COMPOSITE SOLUTIONS LTD – Job Advert

Job Title: Project Engineer

Location: Loughborough, UK with some UK and international travel expected

Type: Full-time (37.5 hours per week), permanent

Job Brief: We are looking to recruit a project engineer to provide materials science and/or mechanical engineering support to the portfolio of polymer composites and nanomaterials development projects at Haydale Composite Solutions Ltd. Projects could be either R&D or commercial in nature, but initially will be focused towards R&D projects.

You will have prior experience with composite materials and/or polymers in a design, R&D or production role and should have a good understanding of materials science and engineering principles and their application.

COMPANY DESCRIPTION

Haydale Composite Solutions is part of the Haydale Group. Haydale is a global technologies and materials group that facilitates the integration of nanomaterials into the next generation of commercial technologies and industrial materials. With expertise in graphene, silicon carbide and other nanomaterials, Haydale can deliver improvements in electrical, thermal and mechanical properties, as well as toughness. Haydale has granted patents for its technologies in Europe, USA and China and operates from four facilities in the UK, USA and the Far East.

Haydale Composite Solutions specialise in developing technology in the resin, polymer, composite and graphene and nanomaterial arenas. We collaborate with our partners to develop novel or improved materials, products and processes across the complete product cycle from ideas and innovation through concept feasibility; basic and industrial research; material, process and product development all the way to manufacture and commercialisation. Haydale Composite Solutions is an extraordinary company employing exceptional people, highly regarded in their specific fields, who develop and deliver its knowledge and services.

Over the past 24 years, Haydale Composite Solutions has worked across the globe and has developed a reputation for delivering innovative solutions for commercial applications of advanced polymer composite materials. With customers spanning the oil and gas, aerospace, automotive, space, water, energy, marine, transportation and infrastructure markets, Haydale Composite Solutions provides an entire development cycle from applied research, product design, process development, product testing and certification, to setting up manufacturing plants. Haydale Composite Solutions work with OEMs and end-users to develop and provide composite solutions that demonstrate clear technical, economic and environmental benefits over existing structures.

www.haydale.com

JOB DESCRIPTION

Haydale Composite Solutions Ltd. (HCS)	
Job Title: Project Engineer	Date: July 2017
Job Reports To: HCS	Location: Loughborough, UK
JOB SUMMARY <p>The role of Project Engineer is to provide materials science and/or mechanical engineering support to the portfolio of polymer composites and nanomaterials development projects at HCS.</p> <p>Projects could be either R&D or commercial in nature, but initially will be focused towards R&D projects.</p> <p>Ideally the candidate will have prior experience with composite materials and/or polymers in a design, R&D or production role and should have a good understanding of materials science and engineering principles and their application.</p>	
TYPICAL JOB ACCOUNTABILITIES <ul style="list-style-type: none">• Deliver theoretical and practical materials science and engineering support to the ongoing portfolio of HCS materials development projects including:<ul style="list-style-type: none">• Literature reviews and reports• Concept design, development, evaluation• Materials development, selection and evaluation• Materials processing• Materials and product testing and analysis, including arranging sub-contract testing• Prototype production• Report writing and presentation <p>The above statements are not intended to be an exhaustive list of all duties and responsibilities required. The Company will reasonably require you to perform other duties from time to time as necessary to meet the needs of the business.</p>	
EDUCATION AND EXPERIENCE <p>Minimum level of education and experience required for acceptable job performance.</p> <ul style="list-style-type: none">• Degree educated (or equivalent) in engineering or materials science• Experience of working in an engineering/scientific/development environment• Knowledge and practical use of basic engineering skills e.g. fabrication, assembly, machining• A good understanding of engineering materials and their properties especially composites, polymers, nanomaterials or elastomers• A good understanding of polymer composites production techniques• A good understanding of materials science and/or theoretical and applied mechanical and engineering principles• Minimum of 2 years of relevant experience• Capable of liaising with internal and external bodies in accordance with the needs of the company• Good presentation and interpersonal skills	
COMPETENCY FRAMEWORK: <p>Skills, attitudes and behaviours necessary to be competent in the role</p> <ul style="list-style-type: none">• Planning and organisational skills with the ability to effectively prioritise and execute tasks• Ability to analyse and interpret data, identify improvements and iterate into new designs/processes• Ability to interact effectively with various levels of professionals inside and outside of the organisation• High-level proficiency in Microsoft Office suite• Proven practical hands-on abilities including workshop skills• Aptitude for problem solving• Excellent verbal, interpersonal and written communication skills• Highly self-motivated, open minded and flexible• Hold a Full UK driving licence, a willingness to travel by public transport or by own car is required as this post involves some travel including overnight and international at times	
REMUNERATION (Annual) <p>£27.5k to £37.5k dependent on skills and experience, plus benefits including 25 days paid annual leave, contributory pension scheme, private medical insurance and share options.</p> <p>Application: To apply, please submit a CV, covering letter and your salary expectations to Dr Matthew Thornton, Senior Manager by email to matthew.thornton@haydalecs.com. The deadline for applications is Friday 18th August 2017.</p>	