



SENIOR MECHANICAL ENGINEER VACANCY

Salary:	Dependent on experience	Start Date:	TBC
Contract Type & Hours p/w:	Full time, permanent 37.5 hours per week	Division:	Hill & Smith Infrastructure

A career opportunity has arisen within Hill & Smith Infrastructure Ltd for a Senior Mechanical Engineer. This will be a permanent position as part of the Engineering Team.

Hill & Smith Infrastructure (HSI) Ltd forms part of Hill & Smith PLC's group of companies. HSI Ltd is made up of two OpCos: Asset VRS and Hardstaff Barriers, bringing together two leading vehicle restraint system (VRS) manufacturers and suppliers.

Working together to deliver projects in the UK and worldwide, our businesses are well-known for exceptional services, quality and expertise, and are committed to protecting people and property.

Hill & Smith PLC is an international group with leading positions in the design, manufacture and supply of infrastructure products and galvanizing services to global markets. Headquartered in the UK, Hill & Smith PLC is a FTSE 250 listed company, with revenues of more than £750m and a market capitalisation of £1.1bn.

Hill & Smith PLC creates sustainable infrastructure and safe transport through innovation. The Group employs c.4,500 people worldwide with the majority employed by its autonomous, agile, customer focussed operating businesses based in the UK, USA, Australia, and India.

The Group office is in the UK and Hill & Smith PLC is quoted on the London Stock Exchange (LSE: HILS.L). Its operating businesses are organised into three main business divisions:

Galvanizing Services: increasing the sustainability and maintenance free life of steel products including structural steel work, lighting, bridges, and other products for industrial and infrastructure markets.

Engineered Solutions: supplying engineered steel and composite solutions with low embodied energy for a wide range of infrastructure markets including power generation and distribution, marine, rail and housing. The division also supplies engineered pipe supports for the water, power and liquid natural gas markets and seismic protection solutions.

Roads & Security: supplying products and services to support road and highway infrastructure including temporary and permanent road safety barriers, Intelligent Traffic Solutions, street lighting columns and bridge parapets. In addition, the division includes two businesses which are market leaders in the provision of off-grid solar lighting and power solutions. The security portfolio includes hostile vehicle mitigation solutions, high security fencing and automated gate solutions.

The Company Location

Hill & Smith Infrastructure:

Bilston site: MAHLE Building, Springvale Industrial Park, Springvale Ave, Wolverhampton, Bilston WV14 0QL

Nottingham site: Hardstaff Barriers, Hillside, Gotham Road, Kingston-on-Soar, Nottingham, NG11 0DF

The role is office based with some requirement to travel to other sites from time to time.

Jobs Requirements:

The successful applicant will be trained on the job, but we will expect applicants to have a good standard of education, skills and previous experience of office work. It would also be advantageous to have formal education in Mechanical Engineering and a background working within an operations/infrastructure industry.

We offer a comprehensive induction programme and unrivalled support and career development opportunities to ensure you achieve your career ambitions and aspirations. Employees have access to a wide range of benefits through our reward scheme, including Vitality Healthcare, company share save scheme, a generous annual leave allocation and tailored training initiatives.

We are looking for someone with:

- Excellent interpersonal and communication skills (verbal and written)
- Sound administrative ability with attention to detail
- Computer literacy and experience of Microsoft applications
- Ability to work under pressure and meet tight deadlines but always with a concern for quality
- The ability to prioritise work whilst working independently and as part of a team
- The sensitivity to appreciate when confidentiality and discretion are required

All applicants will be asked to prove that they have the right to work in the UK and provide two satisfactory references. Click here [insert link to job ad] for a full job description.

If you would like to apply for this opportunity, please send an up-to-date CV to: recruitment@hill-smith.co.uk
Feel free to contact our HR team if you have any questions about the position or the process.

Title	Senior Mechanical Engineer
Reporting to	Chief Engineer
Salary	£dependant on experience
Role	Full Time, Permanent 37.5 hrs p/w - You may be required to work additional hours & weekends at times
Location	Bilston and Nottingham
Benefits	Pension scheme, SAYE scheme, Cycle to Work scheme, Occupational Health scheme, Private Health Care scheme, Bonus eligibility, Life Assurance, Training, Employee Assistance Programme inc. Exclusive Offers - An online portal offering vouchers and discounts & 25-day Annual Leave plus Bank Hols.

Job brief:

We are seeking a Senior Mechanical Engineer to support the Chief Engineer. The senior engineer is requiring having a Mechanical Engineering Degree, significant experience in HVM/structural engineering, and strong project leadership. The post requires someone that has a strong technical understanding with the ability to multi-task and prioritise their own workload, while also being able to work independently.

Purpose of the role:

The Senior Engineer will lead and develop HVM and R&D technical solutions, provide engineering authority, and guide technical developments for infrastructural schemes.

The Engineer will be required to prepare and assist in the preparation of technical documentations (Installation & fabrication drawings, Installation Manual, Technical advice notes etc.) and undertake engineering calculations.

The ideal candidate will have strong project management expertise, excellent problem-solving skills, and the ability to engage with internal and external stakeholders to drive successful project outcomes.

Key Accountabilities & Responsibilities:

- Lead special R&D projects, ensuring successful execution.
- Oversee project planning, including Fabrication drawings and product installation
- Direct and control projects to ensure they meet required standards, timescales, and budgets.
- Support the commercial team in assessing the market, identifying opportunities for innovation.
- Estimate costs for initial product review
- Provide technical support, including production drawings, general arrangement drawings and Bill of Quantities for infrastructure schemes.
- Work closely with subcontractors to ensure smooth installation and re-instatement during testing.
- Maintain regular communication with internal teams to ensure project objectives are met.
- Stay up to date with industry best practices, engaging with suppliers to maintain best practice (fabrication)
- Support and adhere to all health and safety procedures, including accident and near-miss reporting, ensuring full compliance with statutory requirements.
- Regular engagement with Sales, Supply Chain, and external technical stakeholders.

Person Specification

Detailed below are the types of qualifications, experience, skills, and knowledge which are required.

The Essential column shows the minimum essential requirements for the post.

The Desirable column shows additional attributes which would enable the applicant to perform the role more effectively with little or no training. They are not essential but may be used to distinguish between applicants.

The Category column indicates the method of assessment:

V=CV

I = Interview

C = Certificate

T = Test

R =Reference

	Essential	Desirable	Category
Qualifications			
Mechanical Engineering Degree	X		V, I, C
Mechanical Engineering Master`s degree (preferred option)		X	V, I, C
Experience			
C.A.D.	X		V, I, T
F.E.A.	X		V, I, T
Knowledge			
Hostile Vehicle Mitigation		X	V, I
Kinetic Energy		X	V, I, T
Geotechnical Survey & analysis		X	V, I
Cross Section analysis	X		V, I
Structural analysis	X		V, I, T
CDM Regulations	X		V, I
Skills			
Microsoft Office	X		
Inventor		X	V, I, T
AutoCAD	X		V, I
Vault Professional		X	V, I
Additional Attributes			
A full UK Drivers Licence		X	V, I

Please also note that where qualifications are required, employment is conditional on the verification of them. Qualifications (must be original documents) will be checked on the first day of appointment.

Employees will be expected to comply with any reasonable request from a line manager to undertake work of a similar level that is not specified in this job description.

Employees are expected to be courteous and provide a welcoming environment to visitors and telephone callers.

The Operating Unit will endeavour to make any necessary reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition.

This document outlines the duties required at the time of employment, although it is not a comprehensive or exhaustive list.

This job description is current at the date shown, but in consultation with you, may be changed by the Line Manager to reflect or anticipate changes in the job commensurate with the grade and job title.

This employer undertakes a range of pre-employment checks including right to work qualification, references, etc.