



Job Specification

For: Mechanical Design Engineer

Ref: VR/01383

Job Description

INTERVIEW LOCATION: Gillingham
SALARY BRACKET: £55,000

Any listing denoted with a * is essential that the applicant possesses

JOB ROLE & RESPONSIBILITIES

- Responsible for developing the technical mechanical design of assigned projects through to Stage 4/5 as required, ensuring designs are produced to company standards & within agreed timescales.
- This role will include educational, commercial, mixed-use and residential projects.
- Work will primarily be under the supervision of the Design Manager; however, it is expected work will be completed to a high quality prior to internal review.
- Initial review of design contract & qualifications (i.e. Stage 4/5 requirements, any technical reports required & any exclusions).
- Produce MEP designs, calculations & specifications using relevant software provided.
- Monitor the production of drawings to ensure timescales are met & QA once complete to ensure technical accuracy & consistency.
- Create and maintain detailed design documentation, including equipment schedules, energy modelling reports etc.
- Liaising with internal Project Team, external Client Team & internal Senior Management as required to ensure smooth delivery of design, incorporating any Client requirements and attending any internal/external meetings required.
- Issue & respond to any design related RFI's.
- Undertake initial design site surveys, including use of Lidar scan to capture all relevant information for CAD engineer & internal design team to utilise throughout the design process.
- Produce energy modelling assessments and presentations as required.

SKILLS REQUIRED

- Degree in Building Services Engineering (or equivalent qualification)
- Similar previous experience in Building Services industry
- Ability to demonstrate technical understanding of electrical discipline
- Experience in relevant design software, such as Revit, Hevacomp, AutoCAD

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Sappers Network
RHQ RE, Ravelin Building
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Chatham, ME4 4UG
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- Passion/interest in producing low carbon and energy efficient designs
- Understanding of current Building Regulations & accredited services
- Ability to plan & prioritise workload to meet deadlines
- Good knowledge of Microsoft Office package (Excel/Word & Outlook)
- The ability to self-manage time and workloads and multitask various projects sequentially
- Ability to liaise and converse with clients in a professional manner
- Full UK driver's license

PERSON SPECIFICATION

- Analytical Skills
- Confidential*
- Methodical*
- Problem Solver/Ability to work independently or collaboratively*
- Excellent Teamwork*
- Interpersonal Skills*
- Focused*
- Attention to Detail*
- Calm under pressure*
- Ability to work as a team to an excellent standard.

Keeping in mind the ongoing vast business growth and easily facilitated expansion. It's paramount that any candidate is passionate about their environment & working relationships.

ADDITIONAL INFORMATION

- Overtime available
- Ongoing career development plan, including the opportunity to grow with the company during its rapid rate of expansion
- Company Pension
- Training opportunities
- 20 Days Holiday plus Bank Holidays
- Team building

Compiled by : **Fiona Louch**
Compiled on : **04/14/25**

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