

JOB DESCRIPTION

Job Title: Mechanical Engineer
Directly reports to: Senior Engineer / Associate
No of Direct Reports: 0
Location: Birmingham

Position Summary:

To support the Senior/Associate Engineer(s) in producing robust design solutions including drawing and written deliverables with moderate supervision.

Responsibilities and authority:

- Undertake mechanical design and consultancy work to produce design drawings, calculations, reports, specifications and schedules
- Support Senior/ Associate Engineers and Management
- Adhere with Building Regulations, current legislation and industry standards
- Contribute to sustainable design practises and environmental assessment methods including BREEAM and equivalents
- Carry out periodic site inspections during the construction phase
- Witness the testing and commissioning procedures of final installations
- Assist the development of trainee engineers
- Work to internal and external project programs and deadlines effectively
- Work to company Quality Assurance management systems

Education and Experience:

- Preferably BEng (Hons) Degree in Building Services Engineering / Mechanical Engineering.
- Minimum engineering HNC/HND or equivalent qualification.
- Working towards chartership with CIBSE/IMechE or equivalent.

Specific skills, knowledge, competencies and training:

Essential:

- Competent in mechanical design software such as IES, and Hevacomp
- Competent in AutoCAD and knowledge of Revit
- Communicate effectively with internal and external design team members
- Undertake non-intrusive surveys of existing installations
- Undertake main plant area spatial allowance exercises
- Ensure industry knowledge is kept up to date with new legislation, standards and regulations, product development and new technology
- Attend and contribute to design team and project meetings
- Collaborate and work effectively with all others affecting or affected by your work
- Carry out all personal management duties including weekly timesheets
- Comply with all security procedures and commercial in-confidence restrictions associated with work duties

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- Good numeracy, literacy and computing skills
- Ability to manage your own time and prioritise at busy times
- Good team ethic approach

Desirable:

- Studying towards Chartership and maintain CPD requirements
- Quality checking/review of trainee staff work and equivalent grade engineers
- Liaise with lead and/or support engineers to ensure that discipline designs are completed to expected quality and programme