

Senior Mechanical Design Engineer

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Company: Retrack Personnel Holdings Limited

Location: Barrowhill, Kent

Category: architecture-and-engineering

Hello,

My client in Ashford is looking for an Intermediate/Senior Mechanical Design Engineer.

Role and responsibilities

- * Produce detailed design calculations, technical drawings, specifications and reports for heating, ventilation, cooling, domestic water, gas and above ground drainage.
- * Carry out dynamic thermal modelling (via software) to influence mechanical design and produce draft design stage SBEM/EPC's
- * Be able to produce mechanical designs with limited supervision from Principal engineer.
- * Use knowledge of relevant standards and guidance to influence mechanical designs.
- * Co-ordinated with other design disciplines to produce fully co-ordinated designs.
- * Carry out site surveys and produce reports.
- * Deal with site queries and review quality of workmanship during construction phases.

- * Manage own time to support and deliver multiple projects to agreed time scales and budget.
- * Take ownership of individual tasks and projects.
- * Manage CAD/Revit Technicians working on assigned projects
- * Communicate with team members, clients, and other construction professionals about projects.
- * Represent the company at design team meetings with clients and other construction professionals.
- * Offer leadership, mentoring and motivation to apprentice and graduate engineers.
- * Ensure design compliance with legislation, code etc keep up to date with developing best practice
- * Have awareness of other key disciplines (Architectural, Structural and civil)
- * Operate within IMS quality system for production and checking of design work.
- * Assist in developing in-house standards for MEP.
- * Ensure the CDM regulations are followed and documented.
- * Attend relevant CPD's
- * Hold CSCS card at appropriate level.

Software capabilities

* AutoCAD/REVIT

* IES Virtual Environment (or equivalent)

* MEP Worx (desirable)

* NBS Chorus

* Microsoft 365.

Preferred Qualifications

* Degree in Electrical Engineering/Environmental/Building Services Engineering

* HNC/HND level in Building Services Engineering or equivalent

* Working towards Engineering Council Registration

Knowledge and Skills

Knowledge of engineering principles and construction industry design processes.

Knowledge of current legislation and regulations e.g., Building Regulations, British Standards, etc.

Experience of designing to achieve BREEAM ratings.

Confident verbal communicator

Strong written communication skills

Driven for progressive and continued learning

Team player

Location: Ashford

Salary: 65k

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