

Job Description

Job title:	Senior Engineer – Mechanical Services
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Role Overview and Key Purpose

Role Overview

As a Senior Engineer – Mechanical Services, you are expected to have a strong track record in one or, preferably, multiple sectors that BakerHicks operates in. You will be a Mechanical Building Services Engineer, ideally with a professional registration, with experience of working on a variety of medium-size projects and possibly managing small packages on large projects. You'll be part of an enthusiastic and committed team of Engineers and Technicians to deliver high quality output on projects.

Client care and repeat business is crucial to BakerHicks success, so you'll need to be able to develop and nurture relationships with our clients (both internal and external).

Key Purpose

- Design and specify all aspects of Mechanical Building Services in accordance with current guidelines, standards, regulations and project deliverables
- Contribute to the development and mentoring of our Early Careers population and the continuous improvement of departmental capabilities
- On occasion, manage Mechanical Services involvement in small to medium-size projects, including time, cost, quality and client relationship management and delivery.
- Champion quality and compliance controls within local teams and projects

Responsibilities and Accountabilities

Responsibilities

- Provide engineering services design and consultancy work on behalf of Baker Hicks under the direction of the line manager or project lead.
- Produce design deliverables (including drawings, specifications, and reports), site surveys, construction stage duties, client liaison with members of design/construction teams, project management, costing and ensure progress against the project brief
- Check calculations and production of detailed drawings to ensure engineering designs meet appropriate quality and compliance controls, project brief and customer requirements.
- Collaborate closely with multi-disciplinary members of the design team to deliver safe, efficient, and buildable solutions.
- Contribute to the preparation of enquiry plans, tender reviews, fee estimate sheets, scopes of work and change controls as required.

Accountabilities

- Ensure team compliance with company quality management and best practice
- Management of Engineers, Early Careers and Technicians in the production of calculations, design deliverables (including drawings, specifications, and reports), site surveys, construction stage duties, client liaison, liaison with members of design/construction teams, project management, costing and any other relevant duty

Knowledge, Experience and Qualifications

Essential

- Membership of Chartered Institute of Building Services Engineers (CIBSE), working towards Chartered Member status.
- Demonstrable experience of delivering projects in at least one sector that BakerHicks operates in.
- Confident communication and presentation skills with the ability to simplify complex ideas.
- An ability to develop relationships with both internal and external stakeholders that deliver long term benefits.
- Considerable design, technical detailing and specification writing experience.
- Experience of contributing to bids, proposals, and tender specifications.
- Essential technical experience: Design of Mechanical Building Services systems, including HVAC and Public Health
- Understanding of commercial elements of projects
- Experience in using the following specialist software:
 - Navisworks
 - NBS Create / Chorus

Desirable

- Experience of delivering multi-disciplinary projects in several sectors that BakerHicks operates in.
- Experience of managing small teams from Apprentices and Graduates to Engineer and Technician level.
- A professional registration (CEng/IEng) is preferred
- Experience in using the following specialist software:
 - IES Thermal Modelling
 - AutoCAD
 - Revit