

**Powered by our people
to deliver for our
clients**

Senior Mechanical Design Engineer

Brookbanks operates nationwide providing integrated and holistic consultancy services for major infrastructure and development schemes, having a reputation of designing and delivering complex projects.

Within our Mechanical & Electrical (M&E) Group, we specialise in delivering innovative, energy-focused building services solutions across residential, commercial, education, cultural, industrial and regeneration developments from concept to handover.

As a UK, privately owned consultancy, we offer autonomy, flexibility and trust. Our people are empowered and supported to challenge the status quo, implement their ideas and make a real impact.



As an Associate Electrical Design Engineer, you will:

- Undertake HVAC, mechanical and public health system design across a range of project sectors, including calculations, drawings and specifications.
- Prepare drawings using AutoCAD, with experience of Revit being advantageous.
- Undertake energy modelling using IES software; experience of Part L compliance, NZC assessments, overheating analysis, TM54 and BREEAM HEA04 is highly advantageous.
- Complete SAP calculations to produce domestic EPCs.
- Support project delivery from concept through to detailed design and technical coordination.
- Survey and report on mechanical systems within existing buildings.
- Monitor, report and support contract administration during construction.
- Undertake witnessing duties during project handover.
- Collaborate with clients, design team members, suppliers and contractors to deliver technically robust, efficient solutions.
- Comply with Brookbanks QA procedures and support wider departments when needed.

What's it in for you at Brookbanks?

- ✓ **Personal development:** we provide the opportunity to develop cross-disciplinary expertise, and have a strong 'promote from within' culture.
- ✓ **Hybrid and flexible working:** we trust you to decide how you work best and endeavour to accommodate your personal circumstances.
- ✓ **Scale and scope:** you'll be part of many of the UK's most prestigious projects from day one.
- ✓ **Personable environment:** as a UK, privately-owned consultancy, you'll be more than just a number.
- ✓ **Roadmap for progression:** we're expanding into new sectors and regions, ensuring we can honour your progression.
- ✓ **Autonomy:** you'll have the freedom to work in your own way, create change and shape the company.
- ✓ **Innovation:** free from rigid processes or layers of hierarchy, we encourage fresh thinking and an entrepreneurial mindset.

What do we look for?

- Degree educated in a relevant discipline
- Strong mechanical design skills across building services
- IES and Revit experience is desirable
- Working towards chartership or Chartered
- Driving license



The Company

Expert technical, commercial and development consultants operating across all types of projects nationally.

Specialist advisors, with a track record of success, driven to support our clients' projects.

Our Development Partner (Master Developer) service is the only one of its kind in the UK. Led by ex-home builders and commercial developers to deliver our clients major development sites.

We are built to be different; we are built to guide our clients to success

[The Brookbanks Difference](#)

Working at Brookbanks is about leading innovation, creating great outcomes and driving change.

Our work is challenging, rewarding and ever-changing, but we wouldn't be where we are today if we weren't one of the best in our field and a great place to work.

Brookbanks is built on loyalty, wellbeing, sustainability, security and support; we take care of our people just as we take care of our clients.

[Working for us](#)

This role is based at our Berkhamsted or Birmingham office with flexible, hybrid working. To learn more, or to apply, please send your CV to Zoe Evans, Head of Talent at recruitment@brookbanks.com.



Land, Development and Communities



Cost and Commercial



Civil Engineering



Development Management



Structural Engineering



Mechanical and Electrical Engineering