

Senior Building Physics Engineer

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Company: Skilled Careers

Location: Central London

Category: construction-and-extraction

Senior / Intermediate Building Physics Engineer – London – Fantastic Benefits

Great opportunity has become available for an experienced Senior or Intermediate Building Physics Engineer to join a highly reputable building services design consultancy based in the heart of London.

Our client offers thought leadership and inspirational solutions, and they use their engineering ideas to shape design rather than simply implement solutions. They aspire to deliver projects with maximum value for their clients and minimum impact on the planet.

This is an exciting opportunity for a passionate and motivated senior or intermediate building physicist to join their dynamic team in London and someone who revels in the opportunity to work on some of the most high-profile and innovative projects across the UK and worldwide. You will have a unique opportunity to work on a diverse range of challenging projects in sectors including workplace, healthcare, education, culture and heritage, sport and leisure, sci-tech and residential.

As a Building Physics Engineer, you will play a crucial role in designing sustainable and energy-efficient buildings, helping our client to achieve their Net Zero Carbon goals.

About you

Bachelor's or master's degree in engineering, Architecture, or a related field with a focus on Building Physics, Energy Modelling, or Sustainable Design

Proven experience in design for performance and operational energy modelling using dynamic thermal modelling (using IES Virtual Environment preferred), with experience working across a range of building types.

In-depth knowledge of thermal comfort principles, heat transfer, fabric performance and passive design strategies.

Knowledge of building services and mechanical design is essential for this role.

Knowledge of renewable energy systems and low-carbon technologies, as well as their integration into building designs.

Knowledge of HVAC system modelling using ApacheHVAC or similar would be advantageous.

Strong analytical skills and the ability to interpret and manipulate data to inform design decisions and optimise building performance.

A solid understanding of UK building regulations industry standards and certification schemes (such as BREEAM, LEED, Passivhaus, NABERS)

Proficient in using Autodesk BIM/CAD software

Knowledge of programming languages (Python, VBA), parametric modelling and Computational Fluid Dynamics (CFD) would be advantageous.

Chartered Engineer or Environmentalist would be desirable.

Low Carbon Consultant and Low Carbon Energy Assessor, would be advantageous.

Excellent communication skills to collaborate with project teams, clients, and stakeholders effectively.

Results driven individual, with a positive attitude and proactive mindset. The successful candidate will have a high degree of integrity, professional ethics, respect and sense of responsibility.

What's on offer

Our client is very well known for offering great opportunities for your personal development with exposure to the full range of their skills and expertise, as well as an attractive remuneration package that includes a competitive salary, flexible pension allowance, private medical insurance, contribution towards professional subscriptions, a stimulating working environment and excellent prospects for career advancement. Our client also offers hybrid working.

For more information regarding the below role, please contact Stephen Tiigah – (url removed)

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