

BSE|3D Job Advert

Role: Senior Mechanical Design Engineer
Contract: Permanent, full-time
Hours: 37.5 hrs per week, Monday to Friday
Location: Birmingham and Haywards Heath, Sussex
Working style: Office based
Salary: Salary is competitive and will be discussed through the recruitment process

BSE|3D is a multi-disciplinary building services consultancy with a strong and growing reputation across some of the most technically demanding sectors in the built environment. With offices across four global locations and a portfolio that spans the UK and international markets, we deliver award-winning engineering solutions recognised in particular for our expertise in the data centre sector.

Our project work is genuinely diverse spanning data centres, education, defence, aviation, healthcare, care homes and hotels. We have a particularly strong and growing pipeline of data centre work, including major projects in the Middle East, a region that represents one of the most significant growth areas in our sector over the coming years. If you want to work on complex, high-profile projects with real global reach, this is the right place to do it.

Our team brings together chartered engineers, low carbon consultants, ESOS assessors, energy performance specialists, and 3D modelling technicians. The team all working collaboratively to deliver designs that perform today and stand up to tomorrow's demands. Energy, sustainability and compliance sit at the heart of what we do.

The role

We are looking for an experienced Senior Mechanical Design Engineer to join our Building Services team. This is a role with a strong emphasis on Mechanical and Public Health engineering, predominantly aligned with new-build project delivery. Candidates with a purely mechanical background are equally welcome to apply.

BSE|3D is a business with real momentum. We are growing steadily, our project pipeline is expanding, and there is genuine opportunity ahead for the right people. We take career development seriously, we will work with you to understand your ambitions, help shape the direction your career takes and support you at every stage of that journey, whether that means progressing towards Chartership, broadening your sector experience or taking on greater responsibility over time.

What we are looking for

- 6 to 10 years of experience in Building Services engineering, with at least 50% focused on HVAC design
- A minimum of one year's direct experience with cooling systems

- Strong background in mechanical and public health system design for new-build projects
- Knowledge of psychrometric calculations and close-control air conditioning Actively working towards Chartership CIBSE, IMechE, or MIET
- Right to work in the UK and ideally a full UK driving licence

Our Haywards Heath office is well connected to London, Brighton, Gatwick Airport, and the South Downs. The area is consistently ranked highly for quality of life with excellent schools, strong local amenities and easy access to the countryside along with the beach!

Benefits

Health & Wellbeing

Optional access to a private healthcare scheme means you can get the support you need, when you need it.

Financial Security

A contributory company pension to help you plan confidently for the future.

Time Off

You'll start with 25 days' annual leave, and that grows the longer you're with us as BSE|3D wants to recognise loyalty, with long service annual leave bonus! Three days are set aside for the Christmas shutdown, so you can switch off properly at the end of the year.

Career Development

BSE|3D invests in your development from day one. You'll have access to an internal CPD scheme, external training sponsorship, and contributions towards your professional membership. We also run an annual company day and support apprenticeship and graduate pathways for those earlier in their journey.

Community Outreach

We encourage our people to give back to the communities and industries they care about. That means volunteering for charity work and STEM initiatives, plus opportunities to mentor the next generation of engineers through student work experience.

Culture & Social

Our social events are employee led and expect a team that genuinely enjoys spending time together. When you refer new team members, BSE|3D has an employee referral scheme bonus!

We value our agency relationships and work closely with a number of trusted partners. For this particular role, we are recruiting directly and kindly ask agencies not to make contact. To note we don't offer sponsorship.

To apply please email hr@bse3d.com