

**JOB TITLE** Building Services Passivhaus Engineer

**LOCATION** London

**EMPLOYMENT TYPE** Permanent, full-time

### About the role

Henriksen Studio is looking for a UK-based Building Services Passivhaus Engineer with expertise in mechanical building services and sustainable design. You'll play a key role in Passivhaus project design and delivery, working closely with our renowned facade design and engineering team.

This London-based role offers the chance to collaborate on high-profile, complex projects, advancing energy efficiency and building innovation. We seek a detail-oriented, proactive individual passionate about sustainable practices and ready to shape the future of our firm, with career growth potential towards a senior role.

### Why Henriksen Studio?

- **People-Centric:** We value our team and foster an inclusive environment where everyone can thrive.
- **Innovative & Future-Focused:** We challenge the status quo with bold ideas.
- **Growth Opportunities:** There is the potential to expand your career in a dynamic and evolving field.

### What We Offer:

- 25 days annual leave + bank holidays
- Holiday buy-back (up to 5 days)
- Healthcare cover and life insurance
- Season ticket loans and cycle-to-work scheme

### Key Responsibilities

- Plan and assess Passivhaus standards for large-scale projects, focusing on MEP (but also building fabric, building physics, airtightness, and thermal bridging).
- Perform design optimisation and detailed analysis of system efficiencies (e.g., COP, SEER).
- Guide design teams in meeting Passivhaus requirements, communicating assessment progress and improvement suggestions to clients.
- Collaborate closely with Architects, MEP Engineers, and Contractors to refine building and MEP designs to Passivhaus standards.
- Conduct construction site inspections to ensure design quality.
- Develop and manage PHPP files, analyses, and documentation.
- Define project briefs, explore parameters, deliver solutions, and ensure effective feedback and communication.
- Engage extensively with design teams and suppliers.

- Proactively address project needs, including training, IT, and quality systems improvement.

### What you'll bring to Henriksen Studio

- **Passion for Sustainable Energy Design** - A genuine commitment to sustainable energy solutions and environmental impact.
- **Educational Background** - BSc, MSc, or Higher Diploma in Engineering, Environmental Engineering, or Building Physics.
- **Professional Development** - Ambition to attain CIBSE membership and pursue Chartership.
- **Passivhaus Expertise** - Certified Passivhaus Designer/Consultant is advantageous.
- **Technical Proficiency** - Proficiency in essential software such as PHPP, AutoCAD, SketchUp, Rhinoceros 3D, Grasshopper, Revit, and thermal bridging software.
- **Advanced Excel and IT Skills** - High level of Excel capability and IT literacy to support data-driven design and analysis.
- **Workflow Innovation** - Experience with in-house systems, including the adaptation of existing tools and the development of new software and workflows.
- **Organisational Skills** - Highly organised, with an ability to manage multiple tasks, adapt to pressure, and meet tight deadlines.
- **Team-Oriented Drive** - Enthusiastic and collaborative, with a proactive mindset to contribute effectively to team objectives.
- **Flexible Working Approach** - Willingness to adjust working hours during peak project phases as needed.
- **Communication Excellence** - Strong written and verbal communication skills to convey ideas clearly and effectively.

### About Us

Henriksen Studio is a leading consultancy in façade engineering and Passivhaus design, dedicated to innovative, sustainable solutions for high-rise buildings. Our mission is to create efficient, net-zero buildings that inspire.

### Equality & Accessibility

We are committed to creating a diverse and inclusive workplace. If you need any assistance to apply or attend an interview, please contact us at [jobs@henriksenstudio.com](mailto:jobs@henriksenstudio.com).