

Certified Passivhaus Designer / Consultant

About Us

ECD Architects is an award winning practice specialising in the design of low energy, low environmental impact buildings, cost effectively and to the highest quality standards. We have two offices; one in London and one in Glasgow. These offices are filled with incredibly talented people from Architects to BIM and Sustainability professionals. Everyone who works with us is great at what they do and does it with passion. What's more, we are a nice bunch of people with whom it is fun to work.

ECD Architects is an equal opportunities employer with great employee benefits. All our staff are consulted, engaged and provided with the support and encouragement to pursue both personal and career goals. We invest heavily in training and support, continuously creating opportunities for our people to learn and develop their skills and knowledge in order to continue to deliver successful innovative services to our clients. This ensures we attract, motivate and retain the best talent.

About the Role

Certified Passivhaus Designer / Consultant (CEPHD/ CEPHC) with at least 1-year post-certification experience and proven delivery of at least one Passivhaus/EnerPHit Project on site. Passivhaus Designers/Consultants will operate within a team structure and report directly to an Associate, Associate Director or Head of Sustainability. The individual must be capable of developing Passivhaus/ EnerPHit designs and PHPP calculations alongside the design teams.

Key responsibilities:

- Prepare and develop PHPP models, possibly using DesignPH + PHPP, in addition to other documents in line with agreed timescales, such as reports, graphs and diagrams.
- Support and assist the design teams with their design proposals, and review iterations of the design using PHPP to inform design decisions.
- Prepare Passivhaus reports, showing design options in clear terms, including graphic material, diagrams and graphs.
- Calculate U-values and assist the design team with envelope build-ups and technical details
- Take responsibility, where required by the project leader, for specific areas of the design and project development
- Liaise, where appropriate, with members of the external design team and other associated organisations or companies
- Research products and materials available, to support the writing of specifications and the production of detailed drawings
- Thorough knowledge of and compliance with ECD procedures and standards
- Accurately record time spent on projects and work with Project Director to ensure this remains within agreed budget and timescale.

Qualities & skills required

- 1+ years post certification experience as CEPHD or CEPHC. To have a current PHI certificate (not expired).
- To have a background in Architecture and/or Services Engineering (5+ years of experience ideally in a UK practice or as a UK free-lancer)
- Experience in both retrofit and new build design
- Knowledge of Revit or AutoCAD required.
- Proficient in PHPP modelling, including the use of variants, services tabs and PHPP tools.
- Good understanding of building services, MVHR, renewables, ASHPs, overheating, etc.
- Ability to use SketchUp and DesignPH
- Highly motivated and can manage own workload
- Outstanding attention to detail and design
- Ability to demonstrate ability to undertake the above responsibilities
- Ability to take initiative in response to direction or instruction
- Ability to work well under pressure and meet deadlines efficiently
- A flexible and open attitude towards new ways of working and commitment to independent, lifelong learning
- Excellent organisational skills
- Ability to manage sensitive and sometimes confidential information
- Self-motivated and able to take responsibility
- Able to demonstrate initiative and a proactive approach to daily tasks
- Good interpersonal skills and able to work independently and as part of an effective team
- Able to build good relationships at all levels, internally and externally
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure while remaining calm and professional at all times
- Demonstrate behaviours which reflect a full understanding and commitment to the company values

Desirable

- Understanding of the architect's role in the coordination and integration of project information and management
- Ability to model Thermal Bridges (THERM/FLIXO) desired but not essential
- Ability to draw construction details and produce specifications desired but not essential
- Ability to do Interstitial Condensation Risk Analysis (WUFI) desired but not essential
- Ability to use Passivlink (Revit Plug-in for PHPP) desired but not essential
- Ability to use the following: InDesign, Internet Explorer, Word, Excel, Outlook, PowerPoint

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the Company may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this, and adapt a flexible approach to work.

This is a flexible working role which could possibly be undertaken working from home.

To apply

Please email your CV to:
recruitment@ecda.co.uk

Please reference the role for which you are applying within the subject line of your email.

Remuneration is dependent on experience. Applicants must be able to demonstrate eligibility to work in the UK. ECD is an equal opportunities employer. Due to the high volume of applications only invitation to interview will be sent. No agencies need apply.