



Sustainable Workspaces
County Hall
Belvedere Rd
SE1 7PB

info@retrofitaction.org.uk

Services Engineer (Full Time)

Hours: 40 hours per week

Location: London

Available From: May

Salary Range: £38k to £42k

Contract: Permanent

Are you a services engineer passionate about decarbonising heating systems? Would you enjoy visiting schools to carry out building services audits, inspections and engaging with premises managers?

This core role is to assist RAFT with services design for retrofit projects from early-stage heat decarbonisation plans and detailed design through to delivery, soft landings, and post occupancy evaluation. You will be designing heat pump systems, MVHR, lighting and assessing and mitigating overheating. You will receive support and bespoke on-project training from the experienced PassivHaus designer and engineer Alan Clarke.

How to Apply

Please send a CV and a completed job application form to jobs@retrofitaction.org.uk demonstrating how you meet the job description, and why you would be excited to join RAFT.

Deadline for Applications: 15th April 2024 at 11:59pm

Interviews Held: Late April 2024 via Teams

If there is anyway we can make the application process more accessible for you, or you have any questions, please let us know via jobs@retrofitaction.org.uk.

We would encourage you to apply if you feel you would be an excellent candidate and meet the experience and job role requirements, in alternative ways to how we have set out in the job description.

Job Responsibilities

- You will assist RAFT with services design for retrofit projects from early-stage feasibility study, heat decarbonisation plans, detailed design, through to delivery, soft landings, and post occupancy evaluation.
- You will be comfortable working with data sets on excel and combining both qualitative and quantitative analysis to prepare reports.
- You will be designing heat pump systems, MVHR and assessing and mitigating overheating.
- You will be required to have a broad understanding of MEP systems and associated BMS and be able to evaluate those systems and provide recommendations and analysis.
- You will be familiar with PHPP and other energy analysis software.
- You will support our in person and on-line premises manager training sessions and support targeted energy savings audits in schools.
- Working with the Community Engagement Lead to deliver Premises Manager Training, on-site audits in school and community settings.

Benefits

- Support and on the job training from highly experienced services engineer
- Annual bike service and membership of the London Cycling Campaign
- Tri-annual RAFT away days with full team
- AECB carbon lite retrofit course or Passivhaus CEPH course (after 2 years, service)

Person Specification

| Person Specification | Essential | Desirable | Method of testing |
|---|-----------|-----------|-------------------|
| Knowledge and Education | Y | | A |
| Relevant mechanical and electrical engineering degree | Y | | A |
| Passivhaus qualified | | Y | |
| Experience | | | |
| Project Management Skills | | | |
| Extensive experience of design/install of ASHPs | | | |
| Significant years' experience in practice both building energy modelling and onsite | Y | | A/I |
| Some Passivhaus/PHPP | | Y | |
| Experience of working with schools | | Y | |
| Onsite design and installation experience | | | |
| Organisational Skills | | | |
| Self-starter and ability to work out solutions | | Y | I |
| Strict adherence to Deadlines | Y | | I |
| Hands on approach | | | |
| Communication Skills | | | |
| Excellent verbal and written communication | Y | | I |
| High quality written reporting with attention to detail | Y | | I |
| Skills | | | |
| Proficiency in CAD software (AutoCAD/Revit/Excel) | Y | | I |
| SketchUp | | Y | I |

| Teamwork and Interpersonal Skills | | | |
|---|---|--|---|
| passionate about retrofit and addressing the climate emergency. | | | |
| Ability to work well in a team environment and collaborate with colleagues. | Y | | I |
| Approachable and able to build positive relationships with coworkers. | Y | | I |
| Flexibility and adaptability to handle changing priorities and tasks | Y | | I |
| Maintain a high level of professionalism and confidentiality. | Y | | I |

Additional Information

Everyone that applies will receive a response from us and we will let you know if we would like to interview you. We look forward to receiving your applications.

We are an equal opportunities employer and actively welcome applications from individuals from groups who have been and continue to be underrepresented and marginalised in the built environment sector.