

Job Description

Junior Sustainability Engineer

MWL is an established, client-focused multi-disciplinary practice of Building Services Engineering Consultants, based in North London. The practice has grown steadily since 1987 and now has over 60 staff. As part of an increase in workload we are seeking to recruit a highly motivated and enthusiastic junior sustainability engineer to join our team delivering sustainability-based services across several internal and external projects, ranging from conceptualisation to practical delivery across several sectors. The primary focus will be on conducting IES thermal modelling analysis including SBEM calculations and overheating analysis, working on a wide range of projects within the education, commercial and residential sectors. The secondary element of the role will be conducting SAP calculations and BREEAM assessments along with providing design advice and reporting. The candidate should be able to communicate clearly and effectively with the internal management of the company from graduate to director level. Externally you will be required to liaise with clients, architects and contractors, maintaining good business relationships with all members of the team. There will be on-the-job support and formal classroom training where required.

Work

- Thermal modelling analysis for non-domestic buildings with IES software
- Supporting planning applications through energy/sustainability statements, overheating and daylight/sunlight assessments
- Completion of BREEAM assessments from pre-assessment to post construction
- Completion of SAP calculations for residential developments
- Completion of code for sustainable homes assessments from pre-assessment to post construction
- Liaising directly with clients, architects and contractors to ensure we meet client needs and to ensure that projects are delivered on programme

Accountabilities

- To be able to work successfully within a team and ensure effective delivery of projects and tasks to meet project deadlines
- A passion for sustainability in the built environment
- Excellent technical report writing skills
- Excellent communication skills
- Excellent attention to detail
- Ability to manage varying deadlines and project workload

Required Qualifications & Experience

- BSc / BEng in a relevant discipline
- Experience in IES software for SBEM and dynamic simulation modelling (DSM) calculations
- Experience in overheating assessments
- Experience in completion of SAP calculations
- Experience in use of NHER or Elmhurst software (desirable, but not essential)
- Experience in conduction BREEAM and Code for Sustainable Homes Assessments (desirable, but not essential)
- Experience on daylight / sunlight assessments (desirable, but not essential)
- Experience on energy strategy reports (desirable, but not essential)

Apply by email only. Save your CV, covering letter and work examples as PDF documents. Insert the position you are applying for, as it appears above, in the subject heading. Email your application to recruitment@mwl-group.com for the attention of Ira Graber.

MWL is an equal opportunities employer and we welcome applications from all backgrounds. We seek to support flexible working arrangements to suit family commitments.